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IDENTIFIERS

*Quantitative Standards For Audiovisual Personnel

ABSTRACT

Audiovisual directors representing 70% of the New York State public school population completed a questionnaire on the status and anticipated growth of their educational communications programs. School districts were ranked on staff, budgets, and audiovisual equipment by means of percentiles to facilitate statewide comparisons of program development. Estimations of additional staff, equipment, materials, and funds required to provide an adequate program yielded an average recommended increase of 104%, with school districts able to meet 63.6% of basic demand with current funds and personnel. However, analysis of the data showed that demand increases at the same rate as program improvement. Only 6.2% of the districts met the basic Quantitative Standards for Audiovisual Personnel, Equipment, and Materials of DAVI (Department of Audiovisual Instruction), adopted as a guide for New York State schools. Evidently, percentile rankings of school districts are more likely to exert a positive influence on program development than the DAVI standards. The greatest needs are for professional and nonprofessional staff, overhead projection and television reception equipment, and film libraries. (TI)

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PERCENTILE RANKING OF EDUCATIONAL COMMUNICATIONS PROGRAMS

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THE STATE EDUCATION DEPARTMENT
Division of Educational Communications
Albany, New York 12224

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Percentile Ranking

of

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The State Education Department
Bureau of Classroom Communications
Albany, New York 12224
1968

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INTRODUCTION

Administrators of school programs are often interested in knowing how their particular program compares with other schools and with national standards. The information in this publication is a first attempt to rank educational communications programs of the State and to express this rank in percentiles.

Fifty-five percent of the State's school districts responded to an Educational Communications Survey in May 1966. These districts represented 70 percent of the State's school children. The data reported on the following pages represent the responses by these schools. School districts were requested to provide best estimates of their program where exact data was unavailable. Since the time of the survey, this Bureau has been developing the methods for comparing programs and applying the results to particular school district programs. School districts using the data have found it to be helpful.

Many districts have significantly improved their programs since the data was originally collected. Although this makes a change in the rankings, we do not anticipate that this change would amount to more than a few percentage points. School districts may compute there current percentile rankings using the form provided. Those districts ranking near 100 percent should not feel satisfied with their current program since the data reveals that they are meeting only 63.6 percent of the current demand for services.

We realize that the 14 aspects of programs in this study do not directly measure the utilization of materials and equipment but we are satisfied that they measure utilization in an indirect manner. Refinements may be made as we gain experience in ranking educational communications programs.

SUMMARY OF FINDINGS

In May 1966, directors of educational communications in 231 New York State public school districts completed an exhaustive questionnaire on the status and anticipated growth of their educational communications programs. Data was collected on all media and included audiovisual materials, television, radio, programed instruction, language laboratories and relationships with the library. Responses were obtained from 55 percent of all school districts in which 70 percent of the State's school children were enrolled.

Standards

In August 1966, the Quantitative Standards for Audiovisual Personnel, Equipment and Materials of DAVI were adopted by the Division of Educational

Communications as a guide for New York State schools. These standards have been enthusiastically accepted as a general guide to improved programs. There have been some indications that the standards are unrealistically high. Since standards can be considered a form of leadership it is important that the greatest number of districts follow this leadership and make the greatest overall improvement in their programs. Standards that are realistic for the affluent village are usually too high for the small district having limited resources. All school districts wish to equal or exceed districts similar to their own.

Percentile Ranking of Educational Communications Programs

	An Affluent District	A Large City	Large District with Library-AV Combined
Professional Staff	96	13	17
Nonprofessional Staff	100	--	--
16mm. Projectors	96	50	33
Filmstrip and 2"x2" Projectors	85	37	18
Overhead Projectors	93	17	13
Audiotape Recorders	95	47	37
Television Receivers	97	64	92
Record Players	96	55	35
Projection Screens	97	8	17
Darkened Rooms	85	13	55
Opaque Projectors	77	20	35
Filmstrip Ownership	91	53	25
Television Expenditure	92	--	83
Per Pupil Educational Communications Expenditure	88	--	33
Average of Above	92	34	38
Overall Educational Communications Percentile Ranking	100	16	24

School districts were ranked on staff, budgets and each medium to provide a means of comparing program development with other school districts and as a means of comparing development of various media within the program. All results were expressed as percentiles for ease of comparison. A study of these results shows that a district ranking high in development of one medium tends to rank high in others. Special funds for one medium, such as television, may cause that medium to rank higher than other parts of the program. Large cities tend to rank near the 50th percentile since they include affluent as well as deprived areas. An analysis should be made of individual schools in large cities. These figures indicate which aspects of a media program need development.

Percentile ranking scales for each medium, staff and funds are included at the end of this section.

Program Adequacy

In addition to reporting current status respondents were asked to indicate how much staff, equipment, materials and funds would be required to provide an adequate program at the time of the survey. This gave an indication of the need for educational communications materials and services. It also gave an indication of reasonable goals.

The following figures represent the average percentage increases that would provide an adequate program over the current program.

	Increase for Adequate Program
Professional Staff	197
Nonprofessional Staff	512
Per pupil Edcom Expenditure	64
16mm. Projectors	40
Filmstrip and 2"x2" Projectors	31
Overhead Projectors	173
Audiotape Recorders	64
Television Receivers	165
Radios	73
Electronic Classrooms	89
Record Players	29
Screens	56
Darkened Classrooms	52
Microprojectors	73
Opaque Projectors	59
16mm. Films Owned	125
Filmstrips Owned	54
Free Films Used	19
Average Increase	104

These results indicate that the greatest need is for professional and nonprofessional staff. In addition it is clear that there is great need for overhead projectors, television receivers and ownership of 16mm. films. The average increase for an adequate program calls for a doubling of the present program. If the areas of great need are omitted because they are special or developing programs it is clear that school districts feel that a 54 percent increase in program strength would approach an adequate level.

If a 104 percent increase were obtained districts would then find the level for an adequate program would have increased. The affluent as well as the deprived school feel that an increase would be desirable. A reasonable increase is generally felt to be no more than 104 percent above present levels.

Percent of the Needs for Educational Communications Being Met

Directors of Educational Communications were asked to indicate "what percent of the basic demand for educational communications services are you able to provide with current funds and personnel?" This information would indicate the extent of increase in program that was reasonable and practical. The average percent for all districts was 63.6 percent. Therefore, a 57 percent increase in services would be required to meet the basic needs for educational communications services. However, an analysis of data indicated that school districts with excellent programs were still meeting only 63.6 percent of basic demand. This indicates that demand increases at the same rate as the program increases with no indication of saturation as a program improves.

The Adequacy of DAVI-N.Y. Standards

Standards that are too low do not lead the good schools into better programs. Standards that are too high may be unrealistic and not readily attainable. Standards that are not based upon the current status of programs and rate of growth are not likely to gain solid acceptance.

The collected data indicates that only a small percentage of school districts meet the basic and advanced DAVI-N.Y. Standards.

	Basic Standards	Advanced Standards
Professional Personnel	2	--
Nonprofessional Personnel	0	--
Per pupil Expenditure	3	0
16mm. Projector Availability	30	4
Filmstrip and 2"x2" Projectors	5	0
Overhead Projectors	5	0
Audiotape Recorders	7	0
Television Receivers	0	0
Record Players	5	0
Projection Screens	3	--
Darkened Rooms	8	--
Opaque Projectors	5	3
Filmstrip Ownership	8	4
Average Percentage	6.2	1.2

These data are relatively consistent in that only a few percent of school districts meet basic standards and virtually none meet the advanced standards. The notable exception is 16mm. projector availability which has much lower standards than the others.

These data refer to the status of school districts in 1966. Each year there is growth in the availability of each medium. Overhead projectors may increase by 50 percent per year and filmstrip projectors by 10 percent. Exact figures are not readily available but will affect establishment of standards.

A comparison of results obtained in a nationwide study by Eleanor Godfrey in 1961 is of interest.

Teacher-Equipment Ratios

	Godfrey	Twyford-N.Y. (Median Values)
16mm. Projectors	12	11.3
Record Players	4	3.96
Opaque Projectors	38	31.7
Television Sets	30	27
Overhead Projectors	107	12.1
Tape Recorders	17	11.3

Generally teacher-to-equipment ratios appear to have changed little in the 5 year period with the exception of overhead projectors which became nearly eight times as numerous. These figures probably show that no rapid change in teacher-equipment ratios should be expected. The methods for obtaining the above data are not directly comparable and errors of various types are involved. They are valuable only as a general guide.

CONCLUSIONS AND RECOMMENDATIONS

DAVI-N.Y. standards are not as likely to exert a positive influence upon the development of educational communications programs as are percentile ranking of school districts. The specificity and realism of percentile ranking should be more acceptable than the generalized DAVI-N.Y. standards which far exceed the ability of almost all districts to attain. Percentile ranking is somewhat more difficult to understand and apply. Experience will indicate the relative value of each method of providing an incentive to develop better programs.

There is an urgent need for additional staff both professional and nonprofessional. There is also a need for program development in overhead projection, television reception and film libraries. The current programs in educational communications can be doubled to meet current needs.

School districts should be notified of their percentile ranking on various aspects of their educational communications program and a recommendation made of levels to be attained.

School districts in other states may rank their programs with considerable confidence on the percentile scales provided.

OVERALL EDUCATIONAL COMMUNICATIONS PROGRAM

Percentile Ranking of New York State Public School Districts - May 1966

Percentile Rank	*	Selected School Districts
100	91.4-	Great Neck 100
95	77.1-	Mamaroneck 99,Scarsdale 98,White Plains 96,Schenectady 95,Hempstead 95,
90	69.1-	Penfield 94,Ithaca 94,Glen Cove 93,Mineola 90,Farmingdale 90,
85	63.9-	Maine-Endwell 88,Brentwood 88,Islip 88,Niskayuna 87,Clifton Springs 86,
80	62 -	East Rochester 84,Greenburgh 84,Liberty 84,Middleburgh 83,Bethlehem 80,
75	60.1-	Plainedge 78,Huntington 78,Liverpool 78,Troy 78, Wantagh 75,
70	57.8-	Deposit 74,Bloomfield 74,Chazy 74,Gouverneur 72,Kingston 70,
65	55 -	Lansingburg 69,Bayport 69,Byram Hills 68,Fulton 67,Lewiston Porter 65,
60	52.2-	Mt. Upton 64,Clarence 63,Bellport 63,Chenango Valley 63,Chadwick 61,
55	49.7-	Hornell 59,Scotia 59,Elmsford 58,Norwich 58,Oswego 56,Herkimer 56,
50	47.4-	Groton 54,Gloversville 54,Eldred 53,Niagara Falls 53,Canastota 52,
45	46 -	Delaware 49,Hicksville 48,Chatham 48,Syracuse 46,Guilderland 45,
40	43.8-	Odessa 44,Cobleskill 44,Bath 43,South Colonie 40,East Meadow 40,
35	42.9-	Fallsburg 39,Ticonderoga 38,Saranac Lake 37,Dryden 37,Batavia 36,
30	41 -	Dobbs Ferry 34,Dannemora 34,Amsterdam 33,Frankfort 32,Barker 30,
25	38.8-	Fairport 29,East Greenbush 28,Baldwinsville 27,Lindenhurst 25,
20	36.3-	Yonkers 24,Buffalo 24,Galway 23,Hudson Falls 22,Bushton 22,Malone 21,
15	33 -	Coxsackie 19,Green Island 18,New Hartford 17,New York City 16,
10	30.9-	Hauppauge 14,Oswego 12,Ilion 12,Gray 11,Sherrill 10,
5	24.4-	Port Jervis 9,Rye Neck 9,Richmondville 8,Sea Cliff 8,Fort Plain 7,
0	14.9-	Sandy Creek 4,Setauket 3,Catskill 3,Niagara Wheatfield 2,Montgomery 2,

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* Figures in this column are averages of 14 percentile rankings on aspects of an educational communications programs.

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PERCENTILE RANKING OF SCHOOL DISTRICTS ON THE BASIS OF AVAILABLE PROFESSIONAL EDUCATIONAL COMMUNICATIONS STAFF

	Projected Teachers Per Professional	Percentile Rank	Selected School Districts
	15.4	100	
DAVI-STATE STANDARD (One professional for 30 teachers) →			
	90	95	- Bronxville-Great Neck-Menands
Median Level Deemed Adequate (123) →	126	90	- East Williston-Green Island-Mineola
	150	85	- Brockport-Plattsburgh
	180	80	- Plainedge-Rockville Center- Williamsville
	208	75	- Oswego-Penfield-Scarsdale
	228	70	- Troy
	255	65	- Huntington-Mamaroneck-White Plains
	291	60	- Guilderland
	340	55	- Delaware-Glen Cove-Long Beach
	365	50	- Amsterdam-Gloversville
Median Level →			
	404	45	- East Rochester-Ithaca
	500	40	- Kingston-Liverpool-Schenectady
	542	35	- Chatham-Fulton
	700	30	- Binghamton-Farmingdale
	906	25	- Rondout Valley-Sherburne
	1,110	20	- Niagara Falls-Niskayuna-Syracuse
	1,370	15	- Lindenhurst-Yonkers
	5,550	10	- Buffalo-New York City-South Colonie
	∞	5	- Bethlehem-Hudson Falls
	∞	0	- Coxsackie-Norwich

PROFESSIONAL EDUCATIONAL COMMUNICATIONS STAFF

Percentile Ranking of New York State Public School Districts - May 1966

	Teacher Load Per Nonprofessional	Percentile Rank	Selected School Districts
DAVI-N.Y. STANDARD (one for 30 teachers) Median Level Deemed Adequate (53)	74	100	
	168	95	- Bronxville- Fonda-Great Neck-Hempstead
	226	90	- Brentwood-Brighton-White Plains
Median Level of Districts (327) having nonprofessional staff	356	85	- Amsterdam-Delaware-Farmingdale
	690	80	- Binghamton-Brockport-Chatham
	1,610	75	- East Rockaway-Glen Cove-Greenburgh
	∞	70	- Clarence-Herkimer
			- Bellport
			- Bethlehem
			- Buffalo
Median Level			- Cobleskill
			- East Greenbush
			- East Meadow
		35	- East Rochester
			- Edgemont
			- Gloversville
			- Greene
			- Guilderland
			- Hauppauge
			- Hicksville
	∞	0	- Kingston

EXPENDITURE PER PUPIL FOR EDUCATIONAL COMMUNICATIONS*

Percentile Ranking of New York State Public School Districts - May 1966

	Per Pupil Expenditure-$	Percentile Rank	Selected School Districts
DAVI-STATE ADVANCED STANDARD 1.5% (Materials); 2% (Equipment) of $886 = $31 →			
	29.84	100	
DAVI-STATE BASIC STANDARD 1% (Materials); 1.35% (Equipment) of $886 = $20.82 →			
	12.50	95	- De Witt-Downsville-Islip
	7.71	90	- Bayport-Canajoharie-Ithaca
	5.40	85	- Bronxville-Great Neck
	4.76	80	- East Greenbush-Glen Cove
	4.08	75	- Hempstead-Liverpool
Median Level Deemed Adequate (3.90) →			
	3.54	70	- Bellport-Dansville-East Rockaway
	3.27	65	- Brockport-Chatham-Deposit
	2.91	60	- Dobbs Ferry-Huntington
	2.70	55	- East Rochester-Farmingdale
Median Level →	2.38	50	- Hauppauge-Lindenhurst
	2.14	45	- Amsterdam-Bethlehem
	2.00	40	- Binghamton-Cobleskill
	1.90	35	- Rondout Valley-Wilson
	1.65	30	- Batavia-Gloversville
	1.48	25	- Chateaugay
	1.20	20	- Ellenburg
	1.00	15	- East Meadow-Fonda
	.71	10	- Catskill-Delaware-Fallsburg
	.45	5	- Hudson Falls-Royalton
	0	0	- Dannemora-Sanitaria Springs

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*Excludes expenditures for personnel and major installations. Includes rentals, subscriptions and purchases of materials, equipment and services.

TELEVISION EXPENDITURE

Percentile Ranking of New York State Public School Districts - May 1966

Per Pupil Expenditure -$	Percentile Rank	Selected School Districts
22.50	100	
5.05	95	Canajoharie -Chadwick-Islip-Newburgh-Scarsdale
2.02	90	Ardsley-Bayport-Great Neck-Lakeside-Lawrence-Middleburg
1.34	85	Chatham-De Witt-Lackawana-Manlius-Mt. Pleasant-Niagara Falls
.83	80	Bethlehem-Binghamton-Hempstead-Liverpool-Oswego-Plainedge
.49	75	Delaware-Deposit-Fairport-Hancock-Holley-Plainview
.12	70	Wantagh -Clifton Springs-Dansville-East Rochester-Farmingdale
0	65	Victor Central
0		Glen Cove
0		Guilderland
0		Gloversville
0		Hauppauge
0		Hicksville
0	35	Hornell
0		Huntington
0		Kingston
0		Lancaster
0		Lindenhurst
0		Oyster Bay
0		Plattsburgh
0		White Plains

16mm. PROJECTOR AVAILABILITY

Percentile Ranking of New York State Public School Districts - May 1966

	Teachers Per Projector	Percentile Rank	Selected School Districts
	2.0	100	
DAVI-N.Y. ADVANCED STANDARD (1 for 5 teachers) →	6.0	95	- Bronxville-Great Neck-Mamaroneck
	7.4	90	- Kingston-White Plains-Farmingdale
	8.1	85	- East Rochester-Malone
Median Level Deemed Adequate (8.35) →			
	8.6	80	- Glen Cove-Ithaca-Schenectady-Troy
	9.4	75	- Owego
DAVI-N.Y. BASIC STANDARD (1 for 10 teachers) →	10.0	70	- Roslyn Heights-Mineola-Rockville Center
	10.2	65	- Wantagh
	10.6	60	- De Witt-Saranac Lake
	11.0	55	- Hempstead-Hicksville
Median Level →	11.7	50	- New York City-East Meadow-Herkimer
	12.3	45	- Niagara Falls-North Syracuse
	12.8	40	- Buffalo-Oswego-Plattsburgh-Yonkers
	13.7	35	- Manlius-Syracuse
	14.2	30	- Levittown-Medina-Plainedge
	15.0	25	- Bethlehem-Guilderland-Scotia
	16.0	20	- Liverpool-Shenendehowa
	17.0	15	- Bath-Binghamton-East Rockaway
	20.0	10	- Batavia-Hauppauge-Lindenhurst-Whitehall
	22.5	5	- Niskayuna-Sea Cliff-West Islip
	68.5	0	- Green Island-Hudson Falls-Westbury

FILMSTRIP AND 2"x2" SLIDE PROJECTORS

Percentile Ranking of New York State Public School Districts - May 1966

	Teachers Per Projector	Percentile Rank	Selected School Districts
DAVI-N.Y. ADVANCED STANDARD (one projector per teacher -Elem.) →	1.02	100	
DAVI-N.Y. BASIC STANDARD (1 for 3 teachers -Elem.) →	3.14	95	- Bloomfield-Dryden-Norwich-Scarsdale
	3.82	90	- Ballston Spa-Bethlehem-Bronxville
	4.3	85	- East Williston-Great Neck-Hempstead
	4.7	80	- Cobleskill-Locust Valley-Niskayuna
	5.02	75	- Gouverneur-Herkimer-Lansing
Median Level Deemed Adequate (5.15) →			
	5.3	70	- Islip-Newburgh-Schenectady
	5.7	65	- Bellport-Fredonia-Fulton-Hornell
	6.0	60	- Brentwood-Fort Johnson-Gloversville
	6.4	55	- Buffalo-Hudson Falls-Mineola
Median Level →	6.75	50	- East Meadow-Fort Plain-Glen Cove
	7.1	45	- Brighton-Brockport-East Rochester
	7.58	40	- Batavia-Coxsackie-Frankfort
	8.12	35	- Depew-Galway-Green Island-New York City
	8.84	30	- Sea Cliff-Starpoint-Victor Central
	9.6	25	- Binghamton-Chatham-Delaware-Edgemont
	10.5	20	- Amsterdam-East Greenbush-Kingston
	11.3	15	- Eldred-Fonda-Saugerties-Yonkers
	13.4	10	- Hauppauge-Lindenhurst-Maplewood
	17.1	5	- East Rockaway-Schuylerville
	∞	0	- Germantown-Rye Neck

OVERHEAD PROJECTOR AVAILABILITY

Percentile Ranking of New York State Public School Districts - May 1966

	Teachers Per Projector	Percentile Rank	Selected School Districts
DAVI-N.Y. ADVANCED STANDARD (one per teacher)	1.33	100	
	4.0	95	- Bronxville-East Rochester
DAVI-N.Y. BASIC STANDARD (one per 4 teachers) Median Level Deemed Adequate (4.43)	5.25	90	- Brockport-Fredonia-Great Neck
	6.4	85	- Ithaca-Sherburne-South Glens Falls
	7.0	80	- Farmingdale-Kingston-White Plains
	7.8	75	- Bethlehem-Fonda-Glen Cove
	8.7	70	- Huntington-Lancaster-Niskayuna
	10.0	65	- Batavia-Bellport-Delaware
	10.7	60	- Cobleskill-Fulton-Saratoga Springs
	11.5	55	- Lindenhurst-Liverpool-Mineola
Median Level	12.1	50	- Schenectady-Syracuse
	13.4	45	- Hicksville-Newburgh-Pulaski
	14.8	40	- East Greenbush-Edgemont
	16.0	35	- Gloversville-Menands-Peru
	18.2	30	- Islip-Phoenix-Chazy
	20.4	25	- Amsterdam-Binghamton-Buffalo
	24.0	20	- Little Falls-Shenendehowa
	28.0	15	- Chatham-Lackawanna-New York City
	36.0	10	- Baldwinsville-Hauppauge-Yonkers
	88.0	5	- Brentwood-Catskill-Plainedge
	∞	0	- Cranesville-Sanitaria Springs

AUDIOTAPE RECORDERS

Percentile Ranking of New York State
Public School Districts - May 1966

	Teachers Per Tape Recorders	Percentile Rank	Selected School Districts
DAVI-N.Y. ADVANCED STANDARD (Elem.) (1 for 2 teachers) →	2.0	100	
	4.5	95	- Bronxville-Great Neck-Mamaroneck
DAVI-N.Y. BASIC (Elem.) ADVANCED (Sec.) (1 for 5 teachers) →	5.4	90	- De Witt-Ithaca-Schenectady-White Plains
	6.55	85	- Brentwood-Brighton-Clifton Springs
Median Level Deemed Adequate (6.9) →			
	7.7	80	- Bethlehem-Brookfield-Colton
	8.4	75	- Dobbs Ferry-Guilderland-Hicksville
	9.0	70	- Frankfort-Gloversville-Glen Cove
	9.8	65	- Fallsburg -Hornell-Saranac Lake
DAVI-N.Y. BASIC STANDARD (Sec.) (1 for 10 teachers) →	10.4	60	- Brockport-Edgemont-Elmsford-Hempstead
	10.8	55	- Amsterdam-Batavia-Fonda-Kendall
Median Level →	11.3	50	- Delaware-Herkimer-Island Trees
	12.0	45	- Islip-Kingston-New York City-Mineola
	12.8	40	- Bath-Deposit-East Meadow-Hancock
	13.6	35	- Chatham-Plattsburgh-Yonkers
	14.7	30	- Binghampton-Buffalo-East Greenbush
	15.0	25	- Lackawanna-Rye Neck
	16.6	20	- Baldwinsville-Bellport-Ellenburg
	17.8	15	- Holley-Mohanasen-Peru
	21.0	10	- Hauppauge-Ilion -New Hartford-Oswego
	26.0	5	- Chenango Forks-Dannemora-Green Island
	∞	0	- Ballston Spa-Chateaugay-Cranesville

TELEVISION RECEIVERS

Percentile Ranking of New York State Public School Districts - May 1966

	Teachers Per Receiver	Percentile Rank	Selected School Districts
DAVI-N.Y. ADVANCED STANDARD (one per teacher - if programs available) →	2.0	100	
	4.5	95	- Great Neck-Mineola-Plainedge
	7.1	90	- Hempstead-Islip-Mamaroneck
	8.7	85	- Chatham-Delaware-East Greenbush
Median Level Deemed Adequate (9.9) →	10.0	80	- Bethlehem-East Meadow-Greene
	12.5	75	- Ardsley-East Rockaway-Fonda-Fulton
	15.0	70	- Buffalo-Elmsford-Fairport-Guilderland
	17.4	65	- DeWitt-East Williston-Harpersville
	23.0	60	- Bellport-Brighton-Edgemont
	25.0	55	- Amsterdam-Batavia-East Rochester
Median Level →	27.0	50	- Farmingdale-Hudson Falls-Huntington
	32.5	45	- Herkimer-Troy
	36.0	40	- Brentwood-Brockport-Coxsackie
	44.0	35	- Binghamton-Bronxville-Groton
	52.0	30	- Champlain-Cobleskill
	76.0	25	- Hicksville-Kendall
	238	20	- Baldwinsville-Fredonia-Hauppauge
		15	- Kingston
			- Altona-Mechanicsville
		5	- Ellenburg-Oswego
	∞	0	- Fort Johnson

RECORD PLAYERS

Percentile Ranking of New York State Public School Districts - May 1966

	Teachers Per Record Player	Percentile Rank	Selected School Districts
DAVI-N.Y. ADVANCED STANDARD (Elem.) (one per teacher)	1.0	100	
DAVI-N.Y. BASIC (Elem.) (one per teacher K-3, one per grade 4-6)	1.7	95	- Bronxville-Great Neck-Schenectady
	1.97	90	- White Plains-Brentwood-Camden
	2.42	85	- Colton Fredonia-Penfield-Ithaca
	2.7	80	- Bellport-Brighton-East Meadow
	2.9	75	- Chazy-Gloversville-Niskayuna
	3.04	70	- Greene-Huntington-Lansing
Median Level Deemed Adequate (3.06)			
	3.38	65	- Dryden-Herkimer-Mineola-Troy
	3.5	60	- Bath-Gouverneur-Greenburgh-Guilderland
	3.71	55	- Edgemont-Haverstraw-Kingston
Median Level	3.96	50	- Ardsley-Binghamton-Brockport
	4.33	45	- Baldwinsville-Brushton-Fulton
DAVI-N.Y. ADVANCED STANDARD (Sec.) (1 per 5 teachers)	4.9	40	- Chatham-Hornell-Liberty-Syracuse
	5.64	35	- Elmsford-Oswego-Yonkers
	6.8	30	- Delaware-Depew-De Witt-East Greenbush
	8.0	25	- Amsterdam-Buffalo-Green Island
DAVI-N.Y. BASIC STANDARD (Sec.) (1 per 10 teachers)	10.3	20	- Bethlehem-Fort Plain-Hancock
	53.5	15	- Batavia-Brookfield-Catskill
	∞	10	- Chateaugay-East Williston-Fallsburg
	∞	5	- Cobleskill-Eldred-Fonda-Menands
	∞	0	- Deposit-Ellenburg-Galway

PROJECTION SCREENS

(Percentile Ranking of New York State
Public School Districts - May 1966

	Teachers Per Screen	Percentile Rank	Selected School Districts
	.67	100	
DAVI-N.Y. BASIC STANDARD (one per classroom) →	1.2	95	- Altona-Bellport-Glen Cove-Great Neck
	1.44	90	- White Plains-Farmingdale-Penfield
	1.78	85	- Brockport-East Williston-Hempstead
	2.08	80	- Bethlehem-Islip-Ithaca-Mamaroneck
	2.22	75	- Brentwood-Brighton-East Rochester
Median Level Deemed Adequate (2.37) →	2.4	70	- Baldwinsville-Baker-Gloversville
	2.84	65	- Camden-Clarence-East Rockaway
	3.1	60	- East Meadow-Fallsburg
	3.4	55	- Elmsford-Frankfort-Fredonia
Median Level →	3.7	50	- Batavia-Coxsackie-Kendall-Liverpool
	4.12	45	- Bath-Delaware-Edgemont-Herkimer
	4.33	40	- Dryden-Troy
	4.8	35	- Buffalo-Deposit-Hicksville-Syracuse
	5.42	30	- Cobleskill-Guilderland
	6.0	25	- Chadwick-Depew-Holley-Hudson Falls
	7.0	20	- Bloomfield-East Greenbush-Fonda
	7.8	15	- Amsterdam-Chatham-Yonkers
	8.9	10	- Ardsley-Binghamton-Fairport
	13.3	5	- Canajoharie-Champlain-Ellenburg
	∞	0	- Catskill-Galway

ROOMS THAT CAN BE DARKENED

Percentile Ranking of New York State
Public School Districts - May 1966

	Teachers Per Darkened Room	Percentile Rank	Selected School Districts
	.67	100	
	1.0	95	- Bellport-Brentwood-Bronxville-Liberty
DAVI-N.Y. STANDARD (every classroom) →	1.0	90	- Camden-Glen Cove
	1.13	85	- Chazy-Great Neck-Guilderland
	1.31	80	- Altona-Kingston-Lancaster-Penfield
	1.42	75	- De Witt-White Plains-Schenectady
	1.5	70	- Bethlehem-East Williston-Hauppauge
Median Level Deemed Adequate (1.58) →	1.63	65	- Baldwinsville-Brighton-Islip
	1.87	60	- Brockport-Eldred-Huntington
	2.14	55	- East Greenbush-Lindenhurst-Yonkers
Median Level →	2.4	50	- Cobleskill-Ithaca
	2.86	45	- Dansville-East Rockaway-Edgemont
	3.5	40	- Canastota-Elmsford-Fallsburgh
	4.05	35	- Amsterdam-Brookfield-Troy
	5.8	30	- South Colonie-Onteora
	8.5	25	- Buffalo-Chatham-Hornell
	9.6	20	- Dryden-Oswego
	13.0	15	- Fredonia-Hicksville
	21.0	10	- East Meadow-New York City-Syracuse
	75.0	5	- Afton-Batavia-Bath-Binghamton
	∞	0	- Rye Neck-New Hartford

OPAQUE PROJECTORS

Percentile Ranking of New York State Public School Districts - May 1966

	Teachers Per Opaque Projector	Percentile Rank	Selected School Districts
DAVI-N.Y. ADVANCED STANDARD (Sec.) (one per floor)	2.0	100	
DAVI-N.Y. BASIC STANDARD (Sec.) (one per building)	16.0	95	- Downsville-Fallsburg -Scarsdale
	19.3	90	- Canastota-Glen Cove-Kingston
Median Level Deemed Adequate (20.)	20.3	85	- Brentwood-Harpursville-Ithaca
	22.1	80	- Batavia-Bronxville-Buffalo
	23.6	75	- Great Neck-Hempstead-White Plains
	24.6	70	- Coxsackie-Elmsford-Mamaroneck
	26.0	65	- East Rochester-Fonda-Groton
	28.0	60	- East Greenbush-Malone-Penfield
	30.0	55	- Amsterdam-Clarence-Clifton Springs
Median Level	31.7	50	- Baldwinsville-De Witt-Fredonia
	33.5	45	- Bellport-Cobleskill-Fort Plain
	35.0	40	- Bath-Brockport-Chatham-Hicksville
	37.2	35	- Brighton-Islip
	38.8	30	- Byram Hills-Herkimer-Liverpool
	42.7	25	- Camden-Catskill-Guilderland
	48.0	20	- East Meadow-Little Falls
	50.0	15	- Afton-Ardsley-Binghamton-Brushton
	59.5	10	- Lindenhurst-Saratoga Springs
	80.6	5	- Barker-Fairport-Farmingdale
	∞	0	- Brookfield-Chateaugay-East Rockaway

FILMSTRIP OWNERSHIP

Percentile Ranking of New York State Public School Districts - May 1966

	Filmstrips Per Teacher	Percentile Rank	Selected School Districts *
DAVI-STATE ADVANCED STANDARD (1½ per student-30 per teacher)	74	100	
	24.4	95	- Mohonasen-Norwich-Ocean Beach
DAVI-STATE BASIC STANDARD (1 per student - 20 per teacher)	18.2	90	- Alice Palmer-Great Neck
	15.6	85	- Canajoharie-Hempstead-Liberty
	14.3	80	- Bethlehem-Cobleskill-East Meadow
	13.3	75	- Baldwinsville-Brentwood-Fulton
Median Level Deemed Adequate (12.9)	12.1	70	- Glen Cove-Gouverneur-Herkimer
	11.0	65	- Delaware-Hicksville-Locust Valley
	9.9	60	- Bellport-Farmingdale-Schenectady
	9.1	55	- Brockport-East Rochester
Median Level	8.4	50	- Bronxville-Gloversville
	8.0	45	- Island Trees-Lawrence-Niskayuna
	7.1	40	- Ballston Spa-Islip
	5.85	35	- Batavia-New Hartford-Troy
	5.3	30	- Amsterdam-Ardsley-Lackawanna
	4.75	25	- Fairport-Huntington-Ithaca
	3.8	20	- Brighton-Kingston-Mt. Pleasant
	2.8	15	- Guilderland-Little Falls
	1.37	10	- East Greenbush-Syracuse
	.79	5	- Binghamton-Lindenhurst-Mineola
	0	0	- Camden-Catskill-Malone

Note:
Small school districts have more filmstrips per teacher to provide a basic collection:

0-25 Teachers - 100% more
25-50 Teachers - 50% more
50-75 Teachers - 25% more

Worksheet

PERCENTILE RANKING OF AN EDUCATIONAL COMMUNICATIONS PROGRAM

District Name ____

Students ____________ Teachers ____________

	Quantity		Rate	Percentile (From Chart)
16mm. motion picture projectors	____	Teachers per projector	____	____
Filmstrip and 2x2 projectors	____	Teachers per projector	____	____
Overhead projectors	____	Teachers per projector	____	____
Audiotape recorders	____	Teachers per recorder	____	____
Television receivers	____	Teachers per receiver	____	____
Record players	____	Teachers per record player	____	____
Screens	____	Teachers per screen	____	____
Darkened classrooms	____	Teachers per room	____	____
Opaque projectors	____	Teachers per projector	____	____
Filmstrips	____	Filmstrips per teachers	____	____
Television expenditure	$____	Per pupil expenditure	$ ____	____
Total edcom expenditure*	$____	Per pupil expenditure	$ ____	____
Professional edcom staff**	____	Teachers per professional	____	____
Nonprofessional edcom staff	____	Teachers per nonprofessional	____	____

Average percentile rank ____

Percentile ranking of overall educational communications program (from chart) ____

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* Include all part time professionals.

** Exclude expenditure for personnel and major installations.

Educational Communications Program
of the
Median School District

Enrollment 2,320 Teachers 116

Professional edcom staff	.32 staff members
Nonprofessional edcom staff	none
Budget	$ 5,520
Filmstrips	975
16mm.projectors	10
Overhead projectors	10
Filmstrip and 2x2 projectors	17
Record players	39
Audiotape recorders	10
Opaque projectors	4
Screens	31
Darkened rooms	48
Television receivers	4
TV expenditure	0

DATA ON
EDUCATIONAL COMMUNICATIONS PROGRAMS
IN THE PUBLIC SCHOOLS OF NEW YORK STATE*

	Afton	Alice Palmer	Altmart Parish	Altona	Amsterdam	Ardsley
Enrollment	859	2,702	1,341	500	4,933	2,525
Teachers	50		71	26	285	150
Edcom Professional Staff	.10	.60	.10	.50	.80	.30
Edcom Nonteaching Staff	0	0	0	0	.80	
16mm. Projectors	2	15	5	2	22	7
Filmstrip & 2x2 Projectors	4	45	12	6	28	10
Overhead Projectors	2	20	5	4	14	9
Audiotape Recorders	5	13	3	4	27	10
Television Receivers	12	16	0	0	12	14
Radio	1	3	0	0	0	
Electronic Classrooms	0	1	1	0	1	2
Record Players	0	50	8	14	38	38
Screens	6	70	12	22	38	17
Darkened Classrooms	2	50	8	22	75	150
Microprojectors	1	3	1	0	1	4
Opaque Projectors	1	3	3	1	10	3
16mm. Films Owned	0	12	0	0	113	0
Filmstrips Owned	300	3,000	500	0	1,600	805
Free Films Used/year	250	600	75	345		
Purchase 16mm. films $	0	0	0	0	0	0
Rental 16mm. films $	500	3,500	0	150	1,500	2,250
Purchase Equipment $	1,000	5,000	350	300	8,000	7,710
Other Equipment $	500	2,000	150		1,500	7,125
Other Budget Items $	300					
Total Budget $	2,300	10,500	500	500	11,000	17,085
Per Pupil Expenditure $	2.64	3.88	.37		2.20	6.75
Number Language Labs	0	1	1	0	1	2
Educ. Television	$ 2,550	3,165	0	0	0	7,274
Television Viewers a day	0	150	0	0		1,500

*On the following pages can be found a summary of the data that was submitted. Respondents were asked to estimate when exact figures were difficult to obtain.

These data may be valuable for making comparisons between school districts and for establishment of standards for educational communications programs.

	Bainbridge-Guilford	Baldwinsville	Ballston Spa	Barker
Enrollment	1,448	5,631	2,298	1,342
Teachers	78	278		71
Edcom Professional Staff	.04	1	.75	.20
Edcom Nonteaching Staff	0		.75	.02
16mm. Projectors	4	16	12	5
Filmstrip & 2x2 Projectors	6	31	31	16
Overhead Projectors	4	9	16	6
Audiotape Recorders	3	17	0	7
Television Receivers	3	3	1	
Radio	2	8	0	4
Electronic Classrooms	0	4	2	
Record Players	0	68	0	8
Screens	10	120	54	30
Darkened Classrooms	6	175	55	35
Microprojectors	2	3	2	
Opaque Projectors	2	9	6	1
16mm. Films Owned	3	0	0	
Filmstrips Owned	100	3,800	900	250
Free Films Used/year	50	500	160	100
Purchase 16mm. films	$ 0	0	0	
Rental 16mm. films	$ 200	2,000	1,800	
Purchase Equipment	$ 1,000	4,000	4,500	
Other Materials	$ 400	360	4,000	
Other Budget Items	$	362	2,500	
Total Budget	$ 1,600	6,722	12,800	850
Per Pupil Expenditure	$ 1.10	1.20	5.33	1.80
Number Language Labs	0	4	2	1
Educ. Television	$ 0	0	0	
Television Viewers a day	0	0	0	

	Batavia	**Bath**	**Bayport Blue Point**	**Bellport**	**Berne Knox**
Enrollment	3,768	2,431	2,611	3,658	1,018
Teachers	215	135	135	200	59
Edcom Professional Staff	.20	.30	.40	1.20	.08
Edcom Nonteaching Staff	1			0	.08
16mm. Projectors	12	8	15	14	4
Filmstrip & 2x2 Projectors	30	38	51	37	0
Overhead Projectors	21	10	21	20	2
Audiotape Recorders	20	11	12	19	1
Television Receivers	9	1	14	9	1
Radio	51	2	8	5	2
Electronic Classrooms	1	0	1	2	0
Record Players	18	40	46	75	0
Screens	59	33	80	175	5
Darkened Classrooms	5	2	39	200	40
Microprojectors	2	2	1	6	0
Opaque Projectors	10	4	2	6	2
16mm. Films Owned	124		31	52	0
Filmstrips Owned	1,475	1,695	2,975	2,000	300
Free Films Used/year	205	50	575	1,000	100
Purchase 16mm. films	$1,100	500	0	1,000	0
Rental 16mm. films	$ 400	630	650	800	50
Purchase Equipment	$1,600	2,925	1,750	2,000	750
Other Materials	$ 400	1,415	500	3,500	250
Other Budget Items	$	0	4,000		
Total Budget	$3,400	5,470	6,900	7,300	1,000
Per Pupil Expenditure	$ 1.80	2.28	2.64	3.65	1
Number Language Labs	1	0	1	2	0
Educ. Television	$ 0	0	12,808	0	0
Television Viewers a day	240	0	86	0	0

	Bethlehem	Binghamton	Bloomfield	Brentwood
Enrollment	4,369	12,671	1,318	17,862
Teachers	251	680	56	588
Edcom Professional Staff		1	.50	3
Edcom Nonteaching Staff		1	0	3
16mm. Projectors	17	41	4	66
Filmstrip & 2x2 Projectors	69	71	20	99
Overhead Projectors	32	29	8	12
Audiotape Recorders	33	49	8	97
Television Receivers	25	17	0	18
Radio	36	5	1	26
Electronic Classrooms	2	3	1	0
Record Players	30	173	29	324
Screens	138	81	8	271
Darkened Classrooms	162	15	40	666
Microprojectors	9	6	1	20
Opaque Projectors	11	14	2	29
16mm. Films Owned	11	400	2	67
Filmstrips Owned	3,900	720	1,000	8,329
Free Films Used/year	440	350		2,822
Purchase 16mm. films	$	3,000	0	3,000
Rental 16mm. films	$ 1,775	100	400	2,000
Purchase Equipment	$ 1,540	5,500	1,200	7,418
Other Materials	$ 2,295	1,400	1,400	21,412
Other Budget Items	$ 3,645	500		4,400
Total Budget	$ 6,097	10,500	2,600	38,230
Per Pupil Expenditure	1.40	.83	2	2.14
Number Language Labs	2	2	1	0
Educ. Television	$ 4,246	15,000	0	
Television Viewers a day	345	1,200	0	1,680

	Brighton	**Brockport**	**Bronxville**	**Brookfield**
Enrollment	3,632	2,644	1,352	382
Teachers	186	136	84	23
Edcom Professional Staff	.20	1	1	.02
Edcom Nonteaching Staff	1.10	.25	.50	0
16mm. Projectors	25	10	15	2
Filmstrip & 2x2 Projectors	27	20	23	4
Overhead Projectors	21	29	22	2
Audiotape Recorders	32	13	31	3
Television Receivers	9	4	2	1
Radio	3		1	2
Electronic Classrooms	10	1	1	
Record Players	71	35	55	1
Screens	89	82	60	6
Darkened Classrooms	118	75	84	6
Microprojectors	5	2	10	2
Opaque Projectors	5	4	4	0
16mm. Films Owned	283	0	6	0
Filmstrips Owned	875	1,261	724	260
Free Films Used/year	140	20	100	40
Purchase 16mm. films	$ 1,680	0	0	
Rental 16mm. films	$ 5,000	1,500	2,000	100
Purchase Equipment	$ 3,909	5,045	5,500	500
Other Materials	$ 4,193	2,500	500	200
Other Budget Items	$		75	
Total Budget	$14,782	9,045	8,075	800
Per Pupil Expenditure	$ 4.08	3.42	6	2
Number Language Labs	12	1	1	0
Educ. Television	$ 0	0	0	0
Television Viewers a day	200	0	0	0

		Brushton	Buffalo	Byram Hills	Camden	Canajoharie
Enrollment		1,101	75,501	1,769	2,755	1,619
Teachers		50	3,200	77	128	75
Edcom Professional Staff		.10	2	.40	1	.15
Edcom Nonteaching Staff				0	0	.08
16mm. Projectors		5	250	8	10	5
Filmstrip & 2x2 Projectors		7	500	8	21	14
Overhead Projectors		4	150	11	21	2
Audiotape Recorders		4	225	10	31	6
Television Receivers		0	200	0	8	8
Radio		2	175	0	2	2
Electronic Classrooms		1	1	1	2	0
Record Players		12	400	42	65	15
Screens		14	700	29	45	8
Darkened Classrooms		6	480	19	128	54
Microprojectors			7	3	1	2
Opaque Projectors		1	150	2	3	2
16mm. Films Owned		3	2,800	0	0	0
Filmstrips Owned		390		1,287	0	1,200
Free Films Used/year		500	100	350	200	40
Purchase 16mm. films	$		2,000	0	0	
Rental 16mm. films	$		500	1,500		500
Purchase Equipment	$		3,500	4,489	2,169	1,000
Other Materials	$		2,500	895	1,200	
Other Budget Items	$			584	200	8,175
Total Budget	$	1,000	8,500	7,468	3,769	9,675
Per Pupil Expenditure	$	.90	.116	4.50		5.91
Number Language Labs		1	1	0	1	0
Educ. Television	$		54,000	0	12,000	8,175
Television Viewers a day		0	6,500	0	120	100

		Canastota	Catskill	Champlain	Chateaugay	Chatham
Enrollment		2,467	1,734	842	976	1,776
Teachers		54	80	45	45	104
Edcom Professional Staff		.15	.10	.10	0	.20
Edcom Nonteaching Staff		.05		0	0	.15
16mm. Projectors		5	4	3	2	8
Filmstrip & 2x2 Projectors		5	9	4	3	11
Overhead Projectors		6	2	3	2	4
Audiotape Recorders		5	3	4	1	8
Television Receivers		2	0	1	0	13
Radio		1	0	0		8
Electronic Classrooms		25	1	1	0	
Record Players		6	4	4	0	21
Screens		25	5	4	2	14
Darkened Classrooms		18	40	0	10	15
Microprojectors		1	0	0	0	
Opaque Projectors		3	2	1	0	3
16mm. Films Owned		0	0	0	0	41
Filmstrips Owned		70	0	150	250	938
Free Films Used/year		75	65	150	275	115
Purchase 16mm. films	$		100	0	0	475
Rental 16mm. films	$	150	100	500	300	480
Purchase Equipment	$	1,000	1,000	500	500	
Other Materials	$	500	200	500	700	1,340
Other Budget Items	$					
Total Budget	$	1,650	1,400	1,500	1,500	2,295
Per Pupil Expenditure	$	1.60		2	1.53	1.28
Number Language Labs		1	1	1	0	0
Educ. Television	$		0		0	3,546
Television Viewers a day		30	0	0	0	300

		Chazy	Chedwick	Chenango Forks	Chenango Valley	Churchville Chile
Enrollment		740	383	1,972	3,726	2,733
Teachers			23	102	213	135
Edcom Professional Staff		.40	.05	.30	.60	.40
Edcom Nonteaching Staff		0	0	0	0	0
16mm. Projectors		3	3	6	15	8
Filmstrip & 2x2 Projectors		13	3	9	30	15
Overhead Projectors		2	2	13	13	23
Audiotape Recorders		8	2	4	16	10
Television Receivers		2	1	2	36	2
Radio		0	2	2	6	4
Electronic Classrooms		0		1	4	2
Record Players		13	6	11	75	47
Screens		10	4	14	100	49
Darkened Classrooms		35	5	41	0	71
Microprojectors			1	2	5	0
Opaque Projectors		1	1	3	8	3
16mm. Films Owned		1	0	12	100	0
Filmstrips Owned		900		926	1,500	1,228
Free Films Used/year		200	300	100	50	225
Purchase 16mm. films	$	0		500	3,000	0
Rental 16mm. films	$	125	450	1,500	2,500	1,350
Purchase Equipment	$	400	200	2,000	3,000	
Other Materials	$		300	500	0	
Other Budget Items	$	2,300			2,000	4,320
Total Budget	$	2,825	950	4,600	10,000	8,085
Per Pupil Expenditure	$	3.90	2.25	2.30		2.85
Number Language Labs		0	0	0	1	2
Educ. Television	$	0	2,100	0	7,760	0
Television Viewers a day		0	0	0	50	0

	Clarence	Clifton Springs	Cobleskill	Colton	Connetquot
Enrollment	4,358	1,283	1,991	549	4,672
Teachers	200	60	96	35	260
Edcom Professional Staff	.22	.50	.35	.10	
Edcom Nonteaching Staff	.07	0			
16mm. Projectors	23	5	6	3	15
Filmstrip & 2x2 Projectors	56	10	22	18	15
Overhead Projectors	17	14	9	10	10
Audiotape Recorders	10	10	8	5	10
Television Receivers	7	4	2	7	10
Radio	6		2	3	6
Electronic Classrooms	1		1	0	1
Record Players	53	20		17	150
Screens	73	8	19	19	40
Darkened Classrooms	123	60	40	2	30
Microprojectors	3	2	3	1	
Opaque Projectors	7	2	3	1	3
16mm. Films Owned	0	0	4	0	0
Filmstrips Owned	2,815	700	1,473	1,202	1,000
Free Films Used/year	385	100	160	76	300
Purchase 16mm. films	$	0		0	
Rental 16mm. films	$ 200	650	800	100	
Purchase Equipment	$ 2,760	1,000	2,000	500	5,000
Other Materials	$ 1,625	300	1,000	300	2,000
Other Budget Items	$	50	150	300	
Total Budget	$ 6,385	2,000	3,950	1,200	7,000
Per Pupil Expenditure	$ 1.47	1.55	2	2.13	1.43
Number Language Labs	1	0	1	1	
Educ. Television	$ 0	450	0	0	
Television Viewers a day	0	50	0	0	

	Coxsackie	Cranesville	Dannemora	Dansville
Enrollment	1,610	180	308	2,273
Teachers	72	7	22	120
Edcom Professional Staff		.05	.10	.70
Edcom Nonteaching Staff		0	.10	
16mm. Projectors	6	1	2	10
Filmstrip & 2x2 Projectors	10	1	2	14
Overhead Projectors	8	0	2	17
Audiotape Recorders	5	0	1	13
Television Receivers	2	1	0	9
Radio		0	0	3
Electronic Classrooms	1	0	0	0
Record Players	14	7	5	41
Screens	20	1	5	39
Darkened Classrooms		7	10	47
Microprojectors	4	0	0	3
Opaque Projectors	3	0	1	4
16mm. Films Owned	0	0	0	0
Filmstrips Owned	200		140	1,700
Free Films Used/year	75	10	250	185
Purchase 16mm. films	$	0		3,000
Rental 16mm. films	$ 200	200		100
Purchase Equipment	$ 1,500	100		5,000
Other Materials	$ 500	0		150
Other Budget Items	$	0		250
Total Budget	$ 2,200	300		8,500
Per Pupil Expenditure	$ 1.37	1.70		3.66
Number Language Labs	1	0	0	0
Educ. Television	$ 0	0	0	300
Television Viewers a day	0	25		120

		Delaware	Depew	Deposit	De Witt	Dobbs Ferry
Enrollment		1,166	2,280	1,173	3,886	1,583
Teachers		66	102	63	190	98
Edcom Professional Staff		.20	.70	.05	1.10	.30
Edcom Nonteaching Staff		.25	0	.50	1	0
16mm. Projectors		3	9	5	18	6
Filmstrip & 2x2 Projectors		7	13	13	60	15
Overhead Projectors		7	6	1	54	3
Audiotape Recorders		6	7	5	40	12
Television Receivers		8	3	10	12	3
Radio		2	3	1	4	3
Electronic Classrooms		1	0	0	6	0
Record Players		11	16	0	28	19
Screens		16	18	14	154	28
Darkened Classrooms		1	69	63	141	5
Microprojectors		1	3	0	5	1
Opaque Projectors		2	3	3	6	2
16mm. Films Owned		1	89		6	10
Filmstrips Owned		725	1,175	1,870	3,032	2,100
Free Films Used/year		80	175	75	568	700
Purchase 16mm. films	$	0	0	0		0
Rental 16mm. films	$	65	950	950	6,000	1,900
Purchase Equipment	$	100	5,100	1,367	6,380	900
Other Materials	$		300	1,534	10,076	2,300
Other Budget Items	$		1,150	300	19,900	
Total Budget	$	165	7,500	324	42,356	
Per Pupil Expenditure	$	.15	3.27	2.73	10.94	
Number Language Labs		1	0	0	6	2
Educ. Television	$	675	0	990	6,500	0
Television Viewers a day		100	0	100	200	85

	Downsville	**Dryden**	**East Aurora**	**East Greenbush**	**East Meadow**
Enrollment	456	1,927	3,180	4,385	17,728
Teachers	25		160	250	813
Edcom Professional Staff	.25		1.05	.25	1.50
Edcom Nonteaching Staff			.05		
16mm. Projectors	2	8	17	15	69
Filmstrip & 2x2 Projectors	8	40	30	25	117
Overhead Projectors	3	33	26	18	43
Audiotape Recorders	5	17	22	17	64
Television Receivers	6	0	6	30	81
Radio	1	0	7	7	0
Electronic Classrooms	0	0	3	1	0
Record Players	14	30	52	39	329
Screens	20	23	97	41	275
Darkened Classrooms	20	10	91	132	49
Microprojectors	2	3	6	2	13
Opaque Projectors	2	3	3	9	17
16mm. Films Owned	0	0	150		212
Filmstrips Owned	600	100	1,187	650	12,000
Free Films Used/year	70	100	250	200	600
Purchase 16mm. films	$ 1,000		2,000	2,000	
Rental 16mm. films	$ 1,000		2,600	1,519	
Purchase Equipment	$ 5,000		6,800	13,000	12,089
Other Materials	$ 5,000		2,060	5,800	1,585
Other Budget Items	$		1,750		4,550
Total Budget	$ 12,000		15,210	22,319	18,224
Per Pupil Expenditure	$ 29		4.80		1.06
Number Language Labs	0	1	3	1	5
Educ. Television	$ 385	0	0	0	0
Television Viewers a day	60	0	0	500	150

	East Rochester	East Rockaway	East Williston	Edgemont	Eldred
Enrollment	1,981	1,941	2,380	1,573	434
Teachers	100	100	132	109	22
Edcom Professional Staff	.25	.25	1.05	.40	.03
Edcom Nonteaching Staff		.10	1		.05
16mm. Projectors	13	6	14	10	2
Filmstrip & 2x2 Projectors	14	7	33	12	2
Overhead Projectors	25	5	19	8	2
Audiotape Recorders	7	12	27	11	2
Television Receivers	4	8	8	6	1
Radio	3	6	3	5	1
Electronic Classrooms	3	3	1	1	0
Record Players	40	37	0	30	0
Screens	47	36	74	27	11
Darkened Classrooms	79	38	89	40	12
Microprojectors	2	4	3	1	1
Opaque Projectors	4	1	5	5	1
16mm. Films Owned	1	0	147	23	0
Filmstrips Owned	973	995	2,500	980	200
Free Films Used/year	633	400	300	600	40
Purchase 16mm. films	$ 0	500	1,800	0	0
Rental 16mm. films	$ 2,535	1,200	2,775	3,100	200
Purchase Equipment	$ 2,000	2,000	6,390	1,500	100
Other Materials	$ 500	1,500	3,200	850	
Other Budget Items	$				
Total Budget	$ 5,035	5,200	14,165	5,450	300
Per Pupil Expenditure	$ 2.50	2.67	5.97	3.40	.68
Number Language Labs	1	3	1	1	0
Educ. Television	$ 600	2,000	0	0	0
Television Viewers a day	40	200	200	0	0

		Ellenburg	Elmsford	Fairport	Fallsburg
Enrollment		953	1,427	3,853	1,356
Teachers		48	73	198	76
Edcom Professional Staff		.25	.35	1	.20
Edcom Nonteaching Staff		0			
16mm. Projectors		3	8	12	8
Filmstrip & 2x2 Projectors		5	8	22	13
Overhead Projectors		5	6	15	5
Audiotape Recorders		3	7	12	8
Television Receivers		0	5	13	2
Radio		0	5		2
Electronic Classrooms		1	1	2	1
Record Players		11	14	30	
Screens		5	23	25	25
Darkened Classrooms		23	25	140	25
Microprojectors		3	1	6	0
Opaque Projectors		1	3	3	6
16mm. Films Owned		0	0	0	5
Filmstrips Owned		600	385	1,000	
Free Films Used/year		0	200	100	
Purchase 16mm. films	$	0		0	
Rental 16mm. films	$	100	500	550	
Purchase Equipment	$	1,000	2,400	4,000	408
Other Materials	$	200	500	2,000	571
Other Budget Items	$				
Total Budget	$	1,300	3,400	6,550	979
Per Pupil Expenditure	$	1.30	2.43	1.60	
Number Language Labs		1	1	2	1
Educ. Television	$	0	0	2,000	0
Television Viewers a day		0	0	40	0

	Farmingdale	Fonda	Fort Johnson	Fort Plain	Frankfort
Enrollment	12,820	1,581	122	1,324	1,664
Teachers	654	75	6	67	97
Edcom Professional Staff	1	.34	.05	.05	.11
Edcom Nonteaching Staff	2	.50			0
16mm. Projectors	98	6	1	3	8
Filmstrip & 2x2 Projectors	186	7	1	10	13
Overhead Projectors	100	10	0	5	9
Audiotape Recorders	90	7	1	5	11
Television Receivers	25	6	0		0
Radio	20	2	0		3
Electronic Classrooms	4	1	0		1
Record Players	250	0	0	8	31
Screens	475	12	2	6	29
Darkened Classrooms	475	1	1	0	27
Microprojectors	25	1	0		2
Opaque Projectors	9	3	0	2	3
16mm. Films Owned	300	0	0	15	0
Filmstrips Owned	7,000	800	200	450	358
Free Films Used/year	4,000	100	20	150	65
Purchase 16mm. films	$ 2,500	0		0	0
Rental 16mm. films	$ 7,000	0	50	100	500
Purchase Equipment	$ 2,500	1,000	300	1,000	750
Other Materials	$ 5,000	600	600	400	450
Other Budget Items	$ 15,000				7,500
Total Budget	$ 32,000	1,600	950		9,200
Per Pupil Expenditure	$ 2.49	1	7.71		5.32
Number Language Labs	4	1	0		0
Educ. Television	$ 5,000				0
Television Viewers a day	30				0

		Fredonia	Fulton	Galway	Germantown
Enrollment		2,038	4,765	859	770
Teachers		93	177	48	45
Edcom Professional Staff		.35	.35	.20	.50
Edcom Nonteaching Staff		.45		.20	
16mm. Projectors		10	16	2	2
Filmstrip & 2x2 Projectors		17	32	6	2
Overhead Projectors		20	17	2	
Audiotape Recorders		18	12	2	3
Television Receivers		1	17	2	1
Radio		2	6	2	1
Electronic Classrooms		0		1	1
Record Players		40	44	0	
Screens		29	105	3	3
Darkened Classrooms		9	66	11	
Microprojectors		2	4	0	
Opaque Projectors		3	8	2	1
16mm. Films Owned		2	0	0	
Filmstrips Owned		1,200	2,400	768	326
Free Film Used/year		50	100	140	50
Purchase 16mm. films	$	0	0	0	
Rental 16mm. films	$	300	1,500	50	125
Purchase Equipment	$	4,200	3,000	0	950
Other Materials	$	2,800	7,000	425	200
Other Budget Items	$	300		0	200
Total Budget	$	7,600		475	1,475
Per Pupil Expenditure	$	3.62		.50	2
Number Language Labs		0		1	
Educ. Television	$	0	2,400	0	
Television Viewers a day		0		0	

		Gloversville	Glen Cove	Gouverneur	Gray
Enrollment		3,932	4,938	2,849	64
Teachers		180	300	156	4
Edcom Professional Staff		.50	1.01	.55	
Edcom Nonteaching Staff			.03		0
16mm. Projectors		23	37	11	
Filmstrip & 2x2 Projectors		31	46	31	1
Overhead Projectors		12	39	20	0
Audiotape Recorders		21	34	10	
Television Receivers			25	6	
Radio			8	2	0
Electronic Classrooms		2	1	2	
Record Players		64	115	45	0
Screens		78	300	66	5
Darkened Classrooms			300	32	4
Microprojectors		1	4	7	0
Opaque Projectors		6	17	8	0
16mm. Films Owned		261	500	4	0
Filmstrips Owned		1,584	3,645	1,888	30
Free Film Used/year			100	189	10
Purchase 16mm. films	$	700	3,000	0	0
Rental 16mm. films	$	1,000	4,000	670	100
Purchase Equipment	$	3,500	8,000	2,565	600
Other Materials	$	1,000	2,400	3,150	
Other Budget Items	$	800	1,000	0	
Total Budget	$	7,000	23,545	12,415	100
Per Pupil Expenditure	$	1.80	4.79	4	1.51
Number Language Labs		2	1	2	0
Educ. Television	$	0	0	1,175	0
Television Viewers a day		0	100	540	66

	Great Neck	Greenburgh	Greene	Green Island	Groton
Enrollment	10,338	2,747	1,718	405	1,390
Teachers	508	161	90	23	78
Edcom Professional Staff	6	.40	.50	.20	.23
Edcom Nonteaching Staff	6.90	.10	0		.16
16mm. Projectors	95	12	9	1	7
Filmstrip & 2x2 Projectors	118	35	18	3	15
Overhead Projectors	100	17	9	2	11
Audiotape Recorders	113	30	10	1	5
Television Receivers	123	7	9	0	2
Radio	36	5		0	3
Electronic Classrooms	1	1	0	0	0
Record Players	314	47	30	3	10
Screens	447	83	21	2	12
Darkened Classrooms	447	71	45	25	62
Microprojectors	19	4	1	0	0
Opaque Projectors	22	9	5	1	3
16mm. Films Owned	1,700	3	0		2
Filmstrips Owned	10,000	1,402	500	100	320
Free Film Used/year	1,500	400	50	25	180
Purchase 16mm. films	$ 10,000	0			0
Rental 16mm. films	$ 8,200	750	500		700
Purchase Equipment	$ 4,000	3,445	2,500		1,500
Other Materials	$ 6,000	1,950	600		250
Other Budget Items	$ 2,000	1,875	1,500		0
Total Budget	$ 30,200	8,010	5,100		2,450
Per Pupil Expenditure	$ 2.92	2.92	3		
Number Language Labs	1	1	0	0	0
Educ. Television	$ 33,630	0	0		0
Television Viewers a day	5,500	0	0		0

		Guilderland	Hageman	Half Hollow Hills	Hancock
Enrollment		4,835	194	6,277	1,204
Teachers		253	7	251	62
Edcom Professional Staff		.87	.04	0	.85
Edcom Nonteaching Staff			0		
16mm. Projectors		17	1	22	2
Filmstrip & 2x2 Projectors		43	1	53	6
Overhead Projectors		18	0	7	6
Audiotape Recorders		30	1	35	5
Television Receivers		18	1	1	4
Radio		3	1	10	1
Electronic Classrooms		2	0	3	1
Record Players		73	2	118	6
Screens		49	1	79	5
Darkened Classrooms		250	7	141	7
Microprojectors		5	0	1	0
Opaque Projectors		6	0	8	1
16mm. Films Owned		21	0		2
Filmstrips Owned		900	100		800
Free Film Used/year		800	5	50	100
Purchase 16mm. films	$		0		0
Rental 16mm. films	$		10	3,225	450
Purchase Equipment	$	2,000	0	9,950	1,000
Other Materials	$	1,850	100	2,000	950
Other Budget Items	$	880	0		
Total Budget	$	4,730	25	15,175	1,400
Per Pupil Expenditure	$	.98		2.36	1.16
Number Language Labs		2	0		1
Educ. Television	$	0	10		994
Television Viewers a day		302	10		30

		Harpursville	Hartsdale	Hastings On Hudson	Hauppauge
Enrollment		1,079	814	2,010	4,593
Teachers		60	51		238
Edcom Professional Staff		.40	.23	2.08	.09
Edcom Nonteaching Staff		0	0		0
16mm. Projectors		7	5	11	12
Filmstrip & 2x2 Projectors		8	6	17	19
Overhead Projectors		45	4	13	7
Audiotape Recorders		16	13	10	12
Television Receivers		4	4	7	1
Radio		1	4	0	5
Electronic Classrooms		0	0	3	1
Record Players		29	27	24	117
Screens		6	12	30	29
Darkened Classrooms		2	4		164
Microprojectors		1	1	1	2
Opaque Projectors		3	3	5	6
16mm. Films Owned		3		0	
Filmstrips Owned		3	1,700	867	2,000
Free Film Used/year		995	40		
Purchase 16mm. films	$				
Rental 16mm. films	$		1,900	2,000	6,000
Purchase Equipment	$	700	1,200	3,690	5,000
Other Materials	$	1,000		1,350	1,000
Other Budget Items	$	500		1,850	
Total Budget	$	2,200	3,100	8,890	12,000
Per Pupil Expenditure	$	2	3.88		2.57
Number Language Labs		1	0	3	1
Educ. Television	$	900	0	0	0
Television Viewers a day		350	0	30	0

		Haverstraw	**Hawthorne Knolls**	**Hempstead**	**Herkimer**
Enrollment		4,895	240	5,166	2,378
Teachers		195	37	276	113
Edcom Professional Staff		.30	.20	1.14	.05
Edcom Nonteaching Staff				2	.03
16mm. Projectors		16	5	25	10
Filmstrip & 2x2 Projectors		40	5	64	23
Overhead Projectors		17	0	20	6
Audiotape Recorders		12	7	27	10
Television Receivers		11	5	41	4
Radio		7	0	29	5
Electronic Classrooms		1	0	1	0
Record Players		54	5	145	34
Screens		58	12	182	28
Darkened Classrooms		195	15	182	35
Microprojectors		3	2		4
Opaque Projectors		10	3	12	3
16mm. Films Owned		0	10	634	17
Filmstrips Owned		1,869	300	4,772	1,483
Free Film Used/year		320	200	581	378
Purchase 16mm. films	$	0	0	2,275	2,898
Rental 16mm. films	$	984	1,300	1,300	970
Purchase Equipment	$	6,000	650	7,979	3,000
Other Materials	$	1,200	500	10,345	700
Other Budget Items	$			1,240	
Total Budget	$	8,184	2,450	23,639	7,568
Per Pupil Expenditure	$	1.95	10	4.47	3.25
Number Language Labs		1	0	1	0
Educ. Television	$	0	0	4,750	
Television Viewers a day			10	300	

		Hicksville	Holley	Honeoye Falls	Hoosick Falls	Hornell
Enrollment		12,824	1,373	1,454	1,470	3,701
Teachers		592	71	75	73	193
Edcom Professional Staff		3	.65	.20	.25	.50
Edcom Nonteaching Staff			0	.10		
16mm. Projectors		55	7	5	5	22
Filmstrip & 2x2 Projectors		65	8	12	12	36
Overhead Projectors		44	6	12	4	19
Audiotape Recorders		75	4	7	4	21
Television Receivers		11	3	6		
Radio		28	0	3		12
Electronic Classrooms		2	1	2		2
Record Players		170	9	22		42
Screens		125	12	40	17	58
Darkened Classrooms		50	20	34	73	25
Microprojectors		10	2	0	2	7
Opaque Projectors		17	3	2	2	10
16mm. Films Owned		355	0	0		0
Filmstrips Owned		6,684	500	600	587	2,500
Free Film Used/year		464	350	650	150	200
Purchase 16mm. films	$		0			1,000
Rental 16mm. films	$	2,853	200	1,150	400	500
Purchase Equipment	$	18,208	1,200	2,500	500	2,500
Other Materials	$	5,599	1,000	5,500	400	3,000
Other Budget Items	$			1,450		1,000
Total Budget	$	34,462	3,250	10,600	1,300	8,000
Per Pupil Expenditure	$	2.76	2.32	7.31	.90	2
Number Language Labs		2	1	2	0	2
Educ. Television	$	0	686	750	0	
Television Viewers a day		90	100		0	

		Hudson Falls	Hunt Memorial	Huntington	Illion
Enrollment		3,384	165	8,329	2,448
Teachers		161	10	496	126
Edcom Professional Staff		0		2.08	.15
Edcom Nonteaching Staff		0		2	
16mm. Projectors		7	2	61	8
Filmstrip & 2x2 Projectors		24	6	118	12
Overhead Projectors		6	3	57	8
Audiotape Recorders		12	2	58	6
Television Receivers		6		19	4
Radio		6		20	9
Electronic Classrooms		2		1	1
Record Players		59	2	163	0
Screens		29	13	302	12
Darkened Classrooms		16	11	302	126
Microprojectors		1		7	5
Opaque Projectors		9	2	5	6
16mm. Films Owned		13	0	260	0
Filmstrips Owned		1,827	125	2,500	1,000
Free Film Used/year			35	633	50
Purchase 16mm. films	$	100		2,000	
Rental 16mm. films	$	200	520	6,150	1,200
Purchase Equipment	$	1,000	1,000	14,643	1,000
Other Materials	$	300	100	3,550	1,000
Other Budget Items	$				
Total Budget	$	1,600	1,620	26,343	3,200
Per Pupil Expenditure	$	.47	10	3.15	1.31
Number Language Labs		2	0	1	1
Educ. Television	$		0	0	0
Television Viewers a day			0	50	0

		Interlaken	Irvington	Island Trees	Islip	Ithaca
Enrollment		761	1,460	5,932	3,429	8,113
Teachers		38	74	280	179	485
Edcom Professional Staff		.10	0	.40	.40	1.20
Edcom Nonteaching Staff			0	.50	.85	3
16mm. Projectors		5	6	19	15	60
Filmstrip & 2x2 Projectors		9	12	36	35	70
Overhead Projectors		9	9	17	11	90
Audiotape Recorders		7	6	25	15	105
Television Receivers			6	7	39	50
Radio			3	5	143	60
Electronic Classrooms			2		1	7
Record Players		2	32	81	106	200
Screens		18	20	49	86	255
Darkened Classrooms		4		79	112	225
Microprojectors		1	2	4	3	17
Opaque Projectors		3	3	6	5	24
16mm. Films Owned					0	500
Filmstrips Owned		282	1,150	2,330	1,400	2,500
Free Film Used/year		50	75		20	400
Purchase 16mm. films	$			1,000		2,000
Rental 16mm. films	$	100		2,650	2,500	1,700
Purchase Equipment	$	1,000		3,090	9,278	10,000
Other Materials	$	200			5,500	3,000
Other Budget Items	$				3,600	5,000
Total Budget	$	1,300		6,740	20,878	21,700
Per Pupil Expenditure	$	2		.96	6	2.62
Number Language Labs		0	2	3	1	6
Educ. Television	$	0		0	24,690	59,212
Television Viewers a day		0			850	

		Kendall	Kingston	Lackawanna	Lakeside	Lancaster
Enrollment		1,195	10,174	5,379	106	5,582
Teachers		54	500	252	9	287
Edcom Professional Staff		.10	1	1	.20	.36
Edcom Nonteaching Staff				1		
16mm. Projectors		5	75	23	1	31
Filmstrip & 2x2 Projectors		5	50	24	2	35
Overhead Projectors		10	72	9	2	34
Audiotape Recorders		5	43	17	1	30
Television Receivers		1	1	11	1	6
Radio		1	3	12	0	9
Electronic Classrooms		0	3	1	0	2
Record Players		30	140	37	3	58
Screens		15	500	55	2	48
Darkened Classrooms		2	430		9	220
Microprojectors		1	10	9	0	8
Opaque Projectors		1	28	13	0	9
16mm. Films Owned		0	1,200	345	0	3
Filmstrips Owned		300	2,000	1,450	100	2,448
Free Film Used/year		115	400	100	50	1,505
Purchase 16mm. films	$	0	13,000	800	0	0
Rental 16mm. films	$	500	2,000	1,800	100	1,797
Purchase Equipment	$	500	31,000	1,000	500	6,376
Other Materials	$	200	6,500	800	200	2,478
Other Budget Items	$		6,000	600	200	570
Total Budget	$	1,200	58,500	5,000	1,000	11,221
Per Pupil Expenditure	$	1	5.84	.925	10	1.99
Number Language Labs		0	3	1	0	2
Educ. Television	$	0	0	8,244	500	0
Television Viewers a day		0	0	500	60	125

		Lansing	Lansingburgh	Lawrence	Lewiston Porter
Enrollment		1,227	2,654	7,392	4,117
Teachers		69	130	360	187
Edcom Professional Staff		.20	.52	1	.82
Edcom Nonteaching Staff		.10		1	
16mm. Projectors		8	13	47	25
Filmstrip & 2x2 Projectors		14	16	60	32
Overhead Projectors		22	7	41	16
Audiotape Recorders		7	9	55	31
Television Receivers		0	18	38	6
Radio		4	7		10
Electronic Classrooms		1	1		2
Record Players		25	30	101	49
Screens		30	22	153	32
Darkened Classrooms		17	130	60	100
Microprojectors		2		10	2
Opaque Projectors		2	5	16	3
16mm. Films Owned		0	85	270	450
Filmstrips Owned		510	800	3,000	1,500
Free Film Used/year		175	150	300	200
Purchase 16mm. films	$	0	150	6,500	2,000
Rental 16mm. films	$	2,000	700	7,000	1,700
Purchase Equipment	$	2,400	5,700	14,000	10,000
Other Materials	$	800	860	3,500	3,000
Other Budget Items	$	400	300		5,000
Total Budget	$	5,595	7,710	52,000	12,500
Per Pupil Expenditure	$	4	2.90	7.03	3.50
Number Language Labs		1	1	0	2
Educ. Television	$	0	20,984	19,301	500
Television Viewers a day		0	150		112

		Liberty	Lindenhurst	Little Falls	Liverpool
Enrollment		1,961	10,769	1,833	7,746
Teachers		100	572	90	425
Edcom Professional Staff		.20	.50	.29	1
Edcom Nonteaching Staff			2	.05	1
16mm. Projectors		11	30	10	28
Filmstrip & 2x2 Projectors		26	50	18	60
Overhead Projectors		8	50	4	37
Audiotape Recorders		15	50	9	46
Television Receivers		3	15	1	56
Radio		1	15	0	10
Electronic Classrooms		2	0	1	6
Record Players		22	150	24	115
Screens		100	180	40	123
Darkened Classrooms		100	300	40	287
Microprojectors		1	0	0	11
Opaque Projectors		3	10	2	11
16mm. Films Owned		3	264	150	225
Filmstrips Owned		1,650	500	300	6,600
Free Film Used/year		60	300	75	800
Purchase 16mm. films	$	0	2,070	500	3,800
Rental 16mm. films	$	2,100	6,190	1,000	4,000
Purchase Equipment	$	3,000	9,500	500	8,531
Other Materials	$	1,100	300	500	9,515
Other Budget Items	$	1,600	10,450		
Total Budget	$	7,800	28,510	2,500	25,846
Per Pupil Expenditure	$	4	2.65	1.30	3.20
Number Language Labs		2	0	1	7
Educ. Television	$	0	0		10,000
Television Viewers a day		0	0		

		Locust Valley	Long Beach	Lyndonville	Lyon Mountain
Enrollment		2,825	5,835	1,036	419
Teachers		150	340	54	21
Edcom Professional Staff		1	1.03	.06	.30
Edcom Nonteaching Staff				.07	
16mm. Projectors		14	21	5	1
Filmstrip & 2x2 Projectors		33	99	2	2
Overhead Projectors		14	36	2	2
Audiotape Recorders		22	36	5	1
Television Receivers		4	39	2	0
Radio		7	3	2	1
Electronic Classrooms		0	1	0	
Record Players		48	117	9	
Screens		42	115	4	5
Darkened Classrooms		35	12	18	4
Microprojectors		1	5	1	1
Opaque Projectors		5	7	1	1
16mm. Films Owned		0	82	445	0
Filmstrips Owned		1,800	4,699	108	20
Free Film Used/year			568		
Purchase 16mm. films	$		688		
Rental 16mm. films	$	2,100	3,460	500	
Purchase Equipment	$	3,000	2,840	750	
Other Materials	$	1,400	2,301	150	
Other Budget Items	$		2,758		1,600
Total Budget	$		16,849	1,400	
Per Pupil Expenditure	$		2.70	1.45	
Number Language Labs		0	1	0	0
Educ. Television	$	0	0	0	0
Television Viewers a day		0	60	0	

		Maine Endwell	Malone	Mamaroneck	Manlius
Enrollment		5,038	3,347	5,780	4,767
Teachers		245	137	285	262
Edcom Professional Staff		1.50	.20	1.15	.30
Edcom Nonteaching Staff		0		.75	
16mm. Projectors		30	18	54	20
Filmstrip & 2x2 Projectors		40	19	88	46
Overhead Projectors		47	8	62	19
Audiotape Recorders		29	12	72	31
Television Receivers		27		63	25
Radio		8		8	5
Electronic Classrooms		6		1	0
Record Players		66	28	153	55
Screens		83	27	137	109
Darkened Classrooms		199	24	205	180
Microprojectors		10		6	4
Opaque Projectors		8	5	12	11
16mm. Films Owned		17	3	930	0
Filmstrips Owned		2,500		3,790	2,875
Free Films Used/year		300	1,000	250	600
Purchase 16mm. films	$	0		8,250	700
Rental 16mm. films	$	3,000		750	2,965
Purchase Equipment	$	2,000		18,150	4,000
Other Materials	$	1,350		5,000	2,475
Other Budget Items	$	1,250			628
Total Budget	$	7,600	4,645	32,150	10,768
Per Pupil Expenditure	$	1.50	1.43	5.54	2.20
Number Language Labs		1	1	1	5
Educ. Television	$	3,502		82,448	9,600
Television Viewers a day		200		1,120	350

		Maplewood	Mastic	Mechanicville	Medina
Enrollment		192	2,578	1,960	2,667
Teachers		13	137	96	128
Edcom Professional Staff		.10	.60	1	.40
Edcom Nonteaching Staff		0			
16mm. Projectors		1	13	9	9
Filmstrip & 2x2 Projectors		1	12	15	10
Overhead Projectors		0	8	11	7
Audiotape Recorders		2	7	9	6
Television Receivers		1	2	0	3
Radio		0	2	0	
Electronic Classrooms		0	0		2
Record Players		2	14	24	18
Screens		3	28	41	9
Darkened Classrooms		2	60	10	
Microprojectors		1	5	2	
Opaque Projectors		0	6	2	3
16mm. Films Owned		0	6	0	0
Filmstrips Owned		40	740	1,006	200
Free Films Used/year		0	112	370	
Purchase 16mm. films	$	0	200	0	
Rental 16mm. films	$		2,600	775	1,200
Purchase Equipment	$		7,000	1,280	2,500
Other Materials	$		1,000	1,276	700
Other Budget Items	$			50	
Total Budget	$	100	10,800	3,381	4,400
Per Pupil Expenditure	$	.50	4.15	1.74	1.69
Number Language Labs		0	1	3	2
Educ. Television	$	0	0		
Television Viewers a day		40	0	0	

		Menands	Middleburgh	Mineola	Mohonasen
Enrollment		245	1,014	4,790	3,521
Teachers		16	59	275	201
Edcom Professional Staff		.30	.10	2.20	
Edcom Nonteaching Staff		0		2	
16mm. Projectors		2	4	28	15
Filmstrip & 2x2 Projectors		3	18	43	32
Overhead Projectors		1	6	24	18
Audiotape Recorders		2	4	24	12
Television Receivers		1	15	125	17
Radio		1		0	5
Electronic Classrooms		0	0	1	1
Record Players		0	0	86	58
Screens		4	59	200	46
Darkened Classrooms		12	59	200	18
Microprojectors		1	1	15	7
Opaque Projectors		1	2	7	5
16mm. Films Owned		0	0	32	5
Filmstrips Owned		650	1,247	2,800	4,905
Free Films Used/year		50	300	230	282
Purchase 16mm. films	$			1,000	0
Rental 16mm. films	$	350	300	4,375	1,500
Purchase Equipment	$			1,120	5,800
Other Materials	$			2,800	2,000
Other Budget Items	$			2,000	
Total Budget	$				9,300
Per Pupil Expenditure	$				2.65
Number Language Labs		0	0	1	2
Educ. Television	$	0	3,000	83,259	
Television Viewers a day		0	550	500	240

		Montgomery	Mooers	Mt. Pleasant	Mt. Upton
Enrollment		4,272	829	2,348	384
Teachers		214	40	111	22
Edcom Professional Staff		.10	.30	.02	
Edcom Nonteaching Staff			.20		
16mm. Projectors		4	2	12	4
Filmstrip & 2x2 Projectors		8	5	12	3
Overhead Projectors		5	3	8	2
Audiotape Recorders		2	2	12	5
Television Receivers		0	0	16	0
Radio		0	1	4	2
Electronic Classrooms		1	0	1	1
Record Players		4	0	34	15
Screens		12	3	50	5
Darkened Classrooms		214	4	80	10
Microprojectors		1	0	3	1
Opaque Projectors		2	1	3	2
16mm. Films Owned		0	0	0	0
Filmstrips Owned		200	125	500	200
Free Films Used/year		60	50	125	20
Purchase 16mm. films	$	0	0	1,400	
Rental 16mm. films	$	3,000	200	1,400	
Purchase Equipment	$	2,000	1,000	1,200	
Other Materials	$	1,000	500		
Other Budget Items	$			850	1,000
Total Budget	$	6,000	1,700	4,850	1,000
Per Pupil Expenditure	$		2	2.02	2
Number Language Labs		1		1	1
Educ. Television	$	0	0	3,300	0
Television Viewers a day		0	0	100	0

		Mount Vernon	Narrowsburg	Newark Valley	New Berlin
Enrollment		12,021	371	1,793	873
Teachers		550	21	88	50
Edcom Professional Staff		1.50	.02	.10	.10
Edcom Nonteaching Staff			0	0	0
16mm. Projectors		47	2	9	3
Filmstrip & 2x2 Projectors		74	5	16	6
Overhead Projectors		34	4	6	4
Audiotape Recorders		56	2	9	5
Television Receivers		26	0	6	0
Radio		37	2	3	0
Electronic Classrooms		1		1	0
Record Players		124	0	35	8
Screens		98	6	22	8
Darkened Classrooms		192	6	6	3
Microprojectors		13	1	2	1
Opaque Projectors		20	1	3	1
16mm. Films Owned			0	17	0
Filmstrips Owned		4,625	200	1,204	912
Free Films Used/year		460	180	314	140
Purchase 16mm. films	$			370	0
Rental 16mm. films	$		300	1,400	450
Purchase Equipment	$		300	2,834	250
Other Materials	$			1,322	200
Other Budget Items	$			600	
Total Budget	$		600	6,526	900
Per Pupil Expenditure	$		1.60	3.63	1
Number Language Labs		1	1	1	0
Educ. Television	$		0	1,500	0
Television Viewers a day		125	0	200	0

		Newburgh	Newfield	New Hartford	New York City
Enrollment		11,106	804	3,892	1,060,054
Teachers		517		192	46,502
Edcom Professional Staff		2	.15	1	21
Edcom Nonteaching Staff		1.20		.01	
16mm. Projectors		42	5	13	3,966
Filmstrip & 2x2 Projectors		98	5	14	5,945
Overhead Projectors		41	5	22	1,816
Audiotape Recorders		48	5	10	3,964
Television Receivers		14		0	2,634
Radio		13		0	6,239
Electronic Classrooms		7		1	
Record Players		131	10	40	12,567
Screens		145	5	48	4,632
Darkened Classrooms		140		0	3,400
Microprojectors		18		0	0
Opaque Projectors		20	1	5	969
16mm. Films Owned		25		0	35,000
Filmstrips Owned		6,552	200	1,300	412,297
Free Films Used/year		1,345	50	50	
Purchase 16mm. films	$	0	583	0	50,000
Rental 16mm. films	$	2,500	0		
Purchase Equipment	$	5,000		2,000	430,000
Other Materials	$	3,000	150	2,000	422,525
Other Budget Items	$				50,000
Total Budget	$	20,000		6,000	952,525
Per Pupil Expenditure	$	1.90		1.60	.94
Number Language Labs		8	0	1	
Educ. Television	$	250,000	0	0	
Television Viewers a day		100	0	0	

		Niagara Falls	Niagara Wheatfield	Niskayuna	North Syracuse
Enrollment		19,003	5,176	4,539	11,778
Teachers		956	269	250	570
Edcom Professional Staff		1	.50	.25	1
Edcom Nonteaching Staff		3		1	
16mm. Projectors		84	10	15	35
Filmstrip & 2x2 Projectors		164	8	53	110
Overhead Projectors		24	3	30	28
Audiotape Recorders		61	8	25	52
Television Receivers		67	1	35	62
Radio		31	6	7	25
Electronic Classrooms		7	1	2	4
Record Players		272	14	90	104
Screens		133	10	80	48
Darkened Classrooms		231		250	36
Microprojectors		12	0	3	12
Opaque Projectors		43	1	8	18
16mm. Films Owned		802			189
Filmstrips Owned		2,600	4,000	2,000	2,987
Free Films Used/year		30	165	200	50
Purchase 16mm. films	$	10,000	0		
Rental 16mm. films	$		160	400	
Purchase Equipment	$	8,817	2,500	8,000	
Other Materials	$	10,000	1,800		
Other Budget Items	$			4,000	
Total Budget	$	28,817	4,500	12,400	
Per Pupil Expenditure	$	1.51	.80	2.75	
Number Language Labs		7	1	2	2
Educ. Television	$	25,550	0	8,000	
Television Viewers a day		5,510		400	

		Norwich	Norwood Norfolk	Ocean Beach	Odessa
Enrollment		3,339	1,815	33	1,510
Teachers			77	2	75
Edcom Professional Staff			.55		.33
Edcom Nonteaching Staff					
16mm. Projectors		12	6	1	10
Filmstrip & 2x2 Projectors		110	20	1	12
Overhead Projectors		15	5		4
Audiotape Recorders		20	7	1	7
Television Receivers		3	2	1	1
Radio		1	3	2	1
Electronic Classrooms		3	0		
Record Players		105	25		21
Screens		80	15	3	11
Darkened Classrooms			62	3	8
Microprojectors		4	1		
Opaque Projectors		6	3	1	2
16mm. Films Owned		0	0	1	90
Filmstrips Owned		4,800	1,005	125	599
Free Films Used/year		600	230	30	100
Purchase 16mm. films	$	0	0		0
Rental 16mm. films	$	200	2,000		1,800
Purchase Equipment	$		1,000		1,650
Other Materials	$		500		1,000
Other Budget Items	$				
Total Budget	$		3,500		4,450
Per Pupil Expenditure	$		1.96		2.91
Number Language Labs		1	0	0	0
Educ. Television	$		0	0	0
Television Viewers a day			0	0	0

		Ogdensburg	Onteora	Oriskany Falls	Oswego	Ovid
Enrollment		3,042	2.697	392	5,141	860
Teachers		149	175	17	244	51
Edcom Professional Staff		1	.95	.03	1.25	.20
Edcom Nonteaching Staff			0	0		
16mm. Projectors		14	14	2	20	5
Filmstrip & 2x2 Projectors		16	38	2	24	9
Overhead Projectors		14	25	3	13	6
Audiotape Recorders		8	20	2	12	5
Television		6	4	1	0	1
Radio		4	16	1	6	1
Electronic Classrooms		2	0	1	0	1
Record Players		45	60	4	46	14
Screens		57	73	4	35	25
Darkened Classrooms		14	30	2	26	6
Microprojectors		5	1	1	2	2
Opaque Projectors		4	5	1	5	1
16mm. Films Owned		185	98	0	248	0
Filmstrips Owned		715	1,500	500	1,396	500
Free Films Used/year		60	650	80	150	50
Purchase 16mm. films	$	810	600	0	2,000	1,173
Rental 16mm. films	$	200	500	300	1,600	150
Purchase Equipment	$	100	4,706	300	5,000	800
Other Materials	$	360	4,179	300	2,400	200
Other Budget Items	$	,	4,000		1,000	100
Total Budget	$	1,470	13,985	900	12,000	2,423
Per Pupil Expenditure	$	.49	5.31	2.50	2.34	2.97
Number Language Labs		2	0	1		1
Educ. Television	$	600	0	0		0
Television Viewers a day		100	60	0		0

		Owego	Oxford	Oyster Bay	Penfield	Peru
Enrollment		4,232	1,369	2,712	4,938	3,660
Teachers		220	76	132	280	190
Edcom Professional Staff		.48	.35	.50	1.40	.15
Edcom Nonteaching Staff		0	0	1	2.50	
16mm. Projectors		15	4	12	34	13
Filmstrip & 2x2 Projectors		37	15	40	63	30
Overhead Projectors		9	5	16	34	12
Audiotape Recorders		17	7	14	33	11
Television		31	1	8	14	5
Radio		23	2	4	7	0
Electronic Classrooms		3		1	8	2
Record Players		63	25	33	117	87
Screens		78	14	60	217	57
Darkened Classrooms		72	21	60	217	116
Microprojectors		2	0	2	1	5
Opaque Projectors		6	2	4	10	6
16mm. Films Owned		0	0	0	0	75
Filmstrips Owned		1,888	1,578	400	4,057	2,511
Free Films Used/year		210	125	40	100	20
Purchase 16mm. films	$	0		2,400		0
Rental 16mm. films	$	1,400	300	3,000	7,000	1,018
Purchase Equipment	$	4,370	1,200	4,500		3,100
Other Materials	$	2,104	250	2,000	4,000	4,256
Other Budget Items	$	300	500	700	5,900	1,200
Total Budget	$	8,174	2,250	12,600	16,900	9,574
Per Pupil Expenditure	$	1.93	1.66	4.36	3.38	2.60
Number Language Labs		3	0	1	8	2
Educ. Television	$	3,700	0	0	10,000	
Television Viewers a day		120	100		150	15

		Phelps	Phoenix	Plainedge	Plainview
Enrollment		1,400	2,925	7,624	11,225
Teachers		69	141	390	466
Edcom Professional Staff		.06	1	2.20	
Edcom Nonteaching Staff		0	0	1.50	
16mm. Projectors		4	12	27	
Filmstrip & 2x2 Projectors		15	29	61	
Overhead Projectors		23	8	10	
Audiotape Recorders		5	12	31	
Television		2	1	167	
Radio		2	5	9	
Electronic Classrooms		0	0	1	
Record Players		13	40	96	
Screens		32	36	164	
Darkened Classrooms		28	40	390	
Microprojectors		0	0	4	
Opaque Projectors		3	4	10	
16mm. Films Owned		0	0	127	
Filmstrips Owned		800	250	5,362	
Free Films Used/year		300	80	1,850	
Purchase 16mm. films	$	0	0		
Rental 16mm. films	$	1,000	2,500		
Purchase Equipment	$	1,500	5,000		
Other Materials	$	600	4,500		
Other Budget Items	$		800		
Total Budget	$	4,220	12,890		
Per Pupil Expenditure	$	3	4.25		
Number Language Labs		1	0	1	
Educ. Television	$	300	0	7,100	8,000
Television Viewers a day		135	0	500	

		Plattsburgh	Pocantico Hills	Port Jefferson	Port Jefferson Station
Enrollment		2,935	343	2,909	2,467
Teachers		149	17	149	135
Edcom Professional Staff		1	1.10	.27	.60
Edcom Nonteaching Staff			0		0
16mm. Projectors		12	3	14	2
Filmstrip & 2x2 Projectors		32	8	19	2
Overhead Projectors		21	4	10	0
Audiotape Recorders		11	5	12	3
Television		5	5	11	0
Radio		7	1	2	0
Electronic Classrooms		2	1	1	
Record Players		58	16	40	
Screens		44	10	49	
Darkened Classrooms			2	30	
Microprojectors		1	3	3	0
Opaque Projectors		6	1	3	0
16mm. Films Owned		0	16	2	0
Filmstrips Owned		1,204	300	1,449	50
Free Films Used/year		50	25	95	100
Purchase 16mm. films	$	0	0	250	
Rental 16mm. films	$	0	200	1,200	200
Purchase Equipment	$	2,000	2,500	2,000	5,000
Other Materials	$	250	5,500	1,050	
Other Budget Items	$	250	500	150	
Total Budget	$	2,500	10,500	4,650	5,200
Per Pupil Expenditure	$	.84	26.20	1.60	2
Number Language Labs		2	0	1	1
Educ. Television	$	0	0	1,799	0
Television Viewers a day		0	0	330	0

		Port Jervis	Pulaski	Purchase	Red Jacket
Enrollment		2,836	1,277	195	1,140
Teachers		119	50	13	54
Edcom Professional Staff		.30	.20	.20	.10
Edcom Nonteaching Staff					.02
16mm. Projectors		8	5	2	8
Filmstrip & 2x2 Projectors		12	7	4	8
Overhead Projectors		2	4	2	11
Audiotape Recorders		7	3	3	7
Television		5	1	4	2
Radio		3	1	2	2
Electronic Classrooms		28	1	12	1
Record Players		28	30		38
Screens		22	12	12	40
Darkened Classrooms		31		12	32
Microprojectors		1	0		1
Opaque Projectors		2	2	1	1
16mm. Films Owned		155	0		0
Filmstrips Owned		1,045	1,350	175	200
Free Films Used/year		100	50	200	120
Purchase 16mm. films	$		0		0
Rental 16mm. films	$		1,100	400	350
Purchase Equipment	$		1,500	2,000	600
Other Materials	$		500	1,000	150
Other Budget Items	$				
Total Budget	$	1,500		2,500	1,200
Per Pupil Expenditure	$	.50		12.50	
Number Language Labs		1	1	0	1
Educ. Television	$	0	0	0	0
Television Viewers a day		0	0	0	100

		Richmondville	Rockville Center	Rondout Valley	Royalton Hartland
Enrollment		481	4,125	2,604	2,274
Teachers		29	234	136	116
Edcom Professional Staff		.05	1.33	.15	.19
Edcom Nonteaching Staff		0	.56		0
16mm. Projectors		2	24	9	8
Filmstrip & 2x2 Projectors		2	35	13	27
Overhead Projectors			31	8	8
Audiotape Recorders		2	30	6	7
Television		1	16	0	0
Radio		1	11	7	116
Electronic Classrooms			3	2	0
Record Players			77	15	24
Screens		2	177	72	72
Darkened Classrooms		20	163	67	9
Microprojectors		1	9	1	0
Opaque Projectors		1	12	4	3
16mm. Films Owned			230	0	4
Filmstrips Owned		150	3,600	750	1,761
Free Films Used/year		150	183	400	250
Purchase 16mm. films	$		1,000		0
Rental 16mm. films	$		4,200	1,000	600
Purchase Equipment	$	500	7,500	2,500	350
Other Materials	$	200	2,800	1,500	150
Other Budget Items	$		1,475		
Total Budget	$	700	16,975	5,000	1,100
Per Pupil Expenditure	$	1.50	4.06	1.92	.48
Number Language Labs		0	2	2	0
Educ. Television	$	0		0	0
Television Viewers a day		0	100	0	0

		Rye Neck	St. Johnsville	Salmon River	Sandy Creek
Enrollment		1,697	908	1,753	1,084
Teachers		104	53	103	49
Edcom Professional Staff		.30		1	0
Edcom Nonteaching Staff					0
16mm. Projectors		5	3	7	4
Filmstrip & 2x2 Projectors		5	6	18	5
Overhead Projectors		7	2	7	2
Audiotape Recorders		7	3	6	3
Television		3	2	1	1
Radio		3	0	1	1
Electronic Classrooms		2	0	1	1
Record Players		9	4	26	7
Screens		20	6	15	7
Darkened Classrooms		12	3	103	
Microprojectors		0	0	1	0
Opaque Projectors		1	2	2	1
16mm. Films Owned		0	0	0	0
Filmstrips Owned		300	100	1,008	375
Free Films Used/year		500	30	175	60
Purchase 16mm. films	$	0	200	0	0
Rental 16mm. films	$	3,200	700	750	100
Purchase Equipment	$	2,700	800	4,100	300
Other Materials	$	1,200	200		200
Other Budget Items	$				0
Total Budget	$	7,100	1,900	4,850	600
Per Pupil Expenditure	$	9.09	2	2.74	.50
Number Language Labs		2	0	1	1
Educ. Television	$	0		0	0
Television Viewers a day				0	0

		Sanitaria Springs	Saranac Lake	Saratoga Springs	Saugerties
Enrollment		85	1,554	4,063	3,668
Teachers		4	74	163	169
Edcom Professional Staff		.05	.50		.10
Edcom Nonteaching Staff		0			1
16mm. Projectors		1	11	13	13
Filmstrip & 2x2 Projectors		1	14	24	16
Overhead Projectors		0	3	16	9
Audiotape Recorders		1	8	12	11
Television		1		19	5
Radio		0		0	9
Electronic Classrooms		0	1	2	2
Record Players		4	20	22	31
Screens		1	12	58	60
Darkened Classrooms		3	38	44	73
Microprojectors		0	1	4	3
Opaque Projectors		0	2	3	2
16mm. Films Owned		0	57	7	1
Filmstrips Owned		5		1,343	715
Free Films Used/year		0	500	208	50
Purchase 16mm. films	$	0			0
Rental 16mm. films	$	0		1,000	1,100
Purchase Equipment	$	0		2,300	1,000
Other Materials	$	0		2,120	500
Other Budget Items	$	0		750	
Total Budget	$	0	1,500	2,470	2,600
Per Pupil Expenditure	$	0	1	.61	.71
Number Language Labs		0	1	2	2
Educ. Television	$	0			0
Television Viewers a day		20		156	

	Scarsdale	Schalmont	Schenectady	Schoharie
Enrollment	5,024	2,587	12,762	1,425
Teachers	301	149	677	63
Edcom Professional Staff	1.60	.13	1.50	.30
Edcom Nonteaching Staff	2.25		3	
16mm. Projectors	76	16	85	4
Filmstrip & 2x2 Projectors	96	24	133	5
Overhead Projectors	92	7	58	2
Audiotape Recorders	121	21	125	1
Television	31	19	175	10
Radio	15	2	110	2
Electronic Classrooms	6	1	11	
Record Players	153	68	504	14
Screens	227	20	226	8
Darkened Classrooms	185	64	500	10
Microprojectors	8	3	20	0
Opaque Projectors	25	4	34	2
16mm. Films Owned	197	92	1,000	0
Filmstrips Owned	1,200	2,314	6,700	300
Free Films Used/year			500	100
Purchase 16mm. films	$	0	6,000	
Rental 16mm. films	$ 4,250	1,615	300	
Purchase Equipment	$ 25,000	3,000	13,440	
Other Materials	$ 4,950		5,000	
Other Budget Items	$ 500		4,955	
Total Budget	$ 34,700	4,615	30,695	
Per Pupil Expenditure	$ 6.86	1.77	2.42	
Number Language Labs	5	1	7	0
Educ. Television	$ 45,690		32,100	4,333
Television Viewers a day	1,125	432	3,000	300

		Schuylerville	Scotia-Glenville	Sea Cliff	Setauket
Enrollment		1,475	4,255	3,428	2,921
Teachers		73	202	210	137
Edcom Professional Staff		.15	.50		.10
Edcom Nonteaching Staff				0	.02
16mm. Projectors		6	15	10	2
Filmstrip & 2x2 Projectors		4	28	25	7
Overhead Projectors		6	5	20	2
Audiotape Recorders		3	28	14	6
Television		1	27	12	1
Radio		2	16	15	1
Electronic Classrooms		1	3		0
Record Players		1	86		12
Screens		3	42	25	6
Darkened Classrooms		4	5	10	80
Microprojectors			7	6	1
Opaque Projectors		2	8	5	2
16mm. Films Owned		0	191	14	0
Filmstrips Owned		100	434	1,000	130
Free Films Used/year		25	1,000	100	30
Purchase 16mm. films	$		500	750	0
Rental 16mm. films	$	1,000	4,400	3,500	0
Purchase Equipment	$	1,000	600	5,000	1,500
Other Materials	$	200		1,000	500
Other Budget Items	$	50	6,500		
Total Budget	$	2,250			2,000
Per Pupil Expenditure	$	1.50	1.53		.70
Number Language Labs		1	3	2	0
Educ. Television	$	0	24,800	0	0
Television Viewers a day			1,000		0

		Sharon Springs	Shenendehowa	Sherburne	Sherrill
Enrollment		470	3,748	1,507	3,344
Teachers		27	168	70	174
Edcom Professional Staff		.02		.10	
Edcom Nonteaching Staff		0		.05	
16mm. Projectors		1	11	12	17
Filmstrip & 2x2 Projectors		4	19	13	23
Overhead Projectors		1	8	12	8
Audiotape Recorders		2	10	7	13
Television		1	15	2	
Radio		1	0	1	3
Electronic Classrooms		0	1	0	2
Record Players		0	50	0	42
Screens		10	40	40	20
Darkened Classrooms		10	22	45	18
Microprojectors		1	3	0	
Opaque Projectors		1	5	4	4
16mm. Films Owned		0	10	12	
Filmstrips Owned		2,000	742	1,000	1,107
Free Films Used/year		20	190	500	500
Purchase 16mm. films	$			0	
Rental 16mm. films	$			1,650	2,217
Purchase Equipment	$			600	3,000
Other Materials	$				2,781
Other Budget Items	$				
Total Budget	$				8,000
Per Pupil Expenditure	$				2.38
Number Language Labs		0	2	0	2
Educ. Television	$	0		0	
Television Viewers a day		10		0	

		Shoreham	Sidney	South Colonie	South Glens Falls
Enrollment		362	2,286	7,716	2,621
Teachers		15	120	419	142
Edcom Professional Staff		.05		.10	.55
Edcom Nonteaching Staff		0		0	
16mm. Projectors		2	14	45	14
Filmstrip & 2x2 Projectors		3	11	70	27
Overhead Projectors		0	4	41	25
Audiotape Recorders		1	11	25	17
Television		0	0	24	1
Radio		2	2	36	3
Electronic Classrooms		0	1	1	2
Record Players		6	15	119	49
Screens		5	20	140	97
Darkened Classrooms		6	120	103	99
Microprojectors		1	0	9	6
Opaque Projectors		1	5	14	6
16mm. Films Owned		0	0	1	23
Filmstrips Owned		150	1,500	2,446	1,700
Free Films Used/year		20	200	601	587
Purchase 16mm. films	$	0	0	0	450
Rental 16mm. films	$	150	1,200	4,000	2,650
Purchase Equipment	$	1,390	800	3,000	2,795
Other Materials	$	900	500	600	1,100
Other Budget Items	$			600	10,240
Total Budget	$	2,440	2,500	8,200	77,185
Per Pupil Expenditure	$	6	1.10	1.05	3
Number Language Labs		0	1	2	2
Educ. Television	$	0	0	0	0
Television Viewers a day		0	0	0	75

		South Otselic	South New Berlin	Starpoint	Susquehanna
Enrollment		386	424	2,653	2,956
Teachers		23	26	125	134
Edcom Professional Staff		.10	.02	.40	.40
Edcom Nonteaching Staff		.10	0	0	0
16mm. Projectors		3	2	9	8
Filmstrip & 2x2 Projectors		4	4	15	15
Overhead Projectors		4	2	6	12
Audiotape Recorders		5	3	7	6
Television		1	1	2	5
Radio		1	1	1	3
Electronic Classrooms		0		1	0
Record Players		8		46	25
Screens		10	6	20	30
Darkened Classrooms		12	2	125	20
Microprojectors		2	1	1	4
Opaque Projectors		1	1	4	4
16mm. Films Owned		0	0	0	0
Filmstrips Owned		1,500	100	200	800
Free Films Used/year		150	200	250	50
Purchase 16mm. films	$	0	0	0	0
Rental 16mm. films	$	0	300	1,800	2,000
Purchase Equipment	$	600	1,000	1,600	1,500
Other Materials	$	500	200	900	500
Other Budget Items	$			500	500
Total Budget	$	1,100	1,500	4,800	4,500
Per Pupil Expenditure	$	2.85	3.54	4.10	
Number Language Labs		0	1	1	0
Educ. Television	$	0	0	0	0
Television Viewers a day		0	0		0

	Syracuse	Ticonderoga	Tioga	Troy	Trumansburg
Enrollment	30,356	1,344	1,246	6,816	1,660
Teachers	1,337	65	60	332	73
Edcom Professional Staff	1.20	.10	.10	1.50	.20
Edcom Nonteaching Staff	1		0	1.25	
16mm. Projectors	103	10	6	39	7
Filmstrip & 2x2 Projectors	127	17	4	54	13
Overhead Projectors	115	2	6	51	7
Audiotape Recorders	140	2	4	38	7
Television	146	2	4	12	3
Radio	91	5	4	24	3
Electronic Classrooms	15	1	1	3	1
Record Players	309		7	103	29
Screens	307	13	12	79	18
Darkened Classrooms	100	65	2	82	6
Microprojectors	3	0	0	8	2
Opaque Projectors	51	1	3	22	2
16mm. Films Owned	1,400	0	2	395	
Filmstrips Owned	2,100	1,403	96	1,963	400
Free Films Used/year	100	10	250	40	
Purchase 16mm. films $			0	6,000	
Rental 16mm. films $		700	500	900	500
Purchase Equipment $	5,000	1,000	500	5,000	600
Other Materials $	2,300	500	500	5,000	300
Other Budget Items $	3,500		200	0	
Total Budget $	10,800	2,200	1,700	16,900	
Per Pupil Expenditure $	.36	1.65	1.50	2.56	
Number Language Labs	4	1	1	3	1
Educ. Television $	45,600	0	0		0
Television Viewers a day	8,000	0	60	0	20

		Tuckahoe	Valhalla	Victor Central	Voorheesville
Enrollment		1,007	2,219	1,838	1,249
Teachers		58	122	96	56
Edcom Professional Staff		.20	1.06	.80	.15
Edcom Nonteaching Staff					
16mm. Projectors		8	12	6	3
Filmstrip & 2x2 Projectors		13	12	11	7
Overhead Projectors		5	8	17	2
Audiotape Recorders		11	5	5	4
Television		5	10	3	1
Radio		2	5	0	2
Electronic Classrooms		1	0	1	0
Record Players		25	50	14	0
Screens		18	36	40	12
Darkened Classrooms		34	10	60	30
Microprojectors		2	2	1	2
Opaque Projectors		3	5	3	2
16mm. Films Owned		0	0	0	0
Filmstrips Owned		1,209	480	500	820
Free Films Used/year		125	800	250	50
Purchase 16mm. films	$	0	250	0	0
Rental 16mm. films	$	2,000	250	500	350
Purchase Equipment	$	1,200	2,500	2,500	500
Other Materials	$	900	1,700	2,000	800
Other Budget Items	$	1,300			200
Total Budget	$	5,400	4,700	5,000	1,850
Per Pupil Expenditure	$	5.35	2.15	2.80	1.48
Number Language Labs		1	1	1	0
Educ. Television	$	1,600	0	200	0
Television Viewers a day		120	0	60	0

		Wantagh	Wappingers Falls	Waterloo	Waterville
Enrollment		5,446	9,917	2,404	1,284
Teachers		273	465	105	67
Edcom Professional Staff		1.30	1.25	.45	.15
Edcom Nonteaching Staff		0	0	0	.05
16mm. Projectors		27	35	12	8
Filmstrip & 2x2 Projectors		42	35	18	5
Overhead Projectors		33	120	15	3
Audiotape Recorders		21	30	9	4
Television		13	10	3	0
Radio		6	10	4	2
Electronic Classrooms		1	3	2	1
Record Players		100	0	0	20
Screens		180	200	105	23
Darkened Classrooms		180	465	105	23
Microprojectors		3	3	0	2
Opaque Projectors		6	10	2	1
16mm. Films Owned		0	200	0	0
Filmstrips Owned		4,200	500	800	685
Free Films Used/year		620	250	600	48
Purchase 16mm. films	$	0	5,000	0	0
Rental 16mm. films	$	5,780	3,000	1,010	1,250
Purchase Equipment	$	1,298	12,000	4,800	750
Other Materials	$	4,134	10,000	500	500
Other Budget Items	$	5,875		0	
Total Budget	$	17,087	35,000	6,310	2,500
Per Pupil Expenditure	$	3.14		2.67	2
Number Language Labs		1	2	30	1
Educ. Television	$	105	0	0	0
Television Viewers a day				0	0

		Wayne	West Islip	Westmoreland	Wheatland-Chili
Enrollment		2,425	8,376	1,567	1,503
Teachers		125	356	72	85
Edcom Professional Staff		.11	.25		.09
Edcom Nonteaching Staff			0		.20
16mm. Projectors		13	16	7	6
Filmstrip & 2x2 Projectors		16	35	13	6
Overhead Projectors		35	10	3	7
Audiotape Recorders		9	9	11	5
Television		26	3	1	3
Radio		17		2	4
Electronic Classrooms		1	3	1	0
Record Players		37	0	20	12
Screens		68	40	11	10
Darkened Classrooms		74	334	49	24
Microprojectors		3	5	2	0
Opaque Projectors		2	8	3	1
16mm. Films Owned		0	0	0	0
Filmstrips Owned		800	1,700	578	1,450
Free Films Used/year		235	2,000	60	50
Purchase 16mm. films	$	0	0		0
Rental 16mm. films	$	600	3,000	700	1,500
Purchase Equipment	$	10,000	3,597		1,600
Other Materials	$	1,250	1,575		200
Other Budget Items	$	525	0		
Total Budget	$	12,375	8,172		3,300
Per Pupil Expenditure	$	5.30	.97		2.25
Number Language Labs		1	3	1	0
Educ. Television	$	1,200	0		350
Television Viewers a day		800	0		100

		Whitehall	White Plains	Williamsville	Wilson
Enrollment		1,450	8,726	7,025	2,078
Teachers		60	489	376	105
Edcom Professional Staff		.25	2	2.25	.20
Edcom Nonteaching Staff		0	2.50	3.85	0
16mm. Projectors		3	70	47	6
Filmstrip & 2x2 Projectors		8	101	79	16
Overhead Projectors		4	74	85	7
Audiotape Recorders		5	84	46	7
Television		0	140	30	2
Radio		1	15	10	9
Electronic Classrooms		1	0	6	1
Record Players		9	255	136	18
Screens		10	355	260	21
Darkened Classrooms		24	344	244	80
Microprojectors		1	22	9	2
Opaque Projectors		2	21	17	4
16mm. Films Owned		0	1,047	90	
Filmstrips Owned		624	7,775	4,000	1,434
Free Films Used/year		35	1,402	400	175
Purchase 16mm. films	$	0	7,000	12,000	
Rental 16mm. films	$	300	1,900	525	
Purchase Equipment	$	1,000	13,400	2,000	
Other Materials	$	500	7,000	3,000	
Other Budget Items	$	1,000		500	
Total Budget	$	2,800	29,300	18,025	4,000
Per Pupil Expenditure	$	2	3.35	2.14	1.93
Number Language Labs		9	0	6	1
Educ. Television	$	0	0	44,000	0
Television Viewers a day		0	1,050	150	30

		Woodmere	Yonkers
Enrollment		5,679	28,794
Teachers		311	1,196
Edcom Professional Staff		3	1
Edcom Nonteaching Staff		0	
16mm. Projectors		21	85
Filmstrip & 2x2 Projectors		36	111
Overhead Projectors		26	41
Audiotape Recorders		21	91
Television		9	185
Radio		1	49
Electronic Classrooms		3	45
Record Players		104	212
Screens		149	162
Darkened Classrooms		196	559
Microprojectors		5	24
Opaque Projectors		5	34
16mm. Films Owned		31	4
Filmstrips Owned		1,153	5,686
Free Films Used/year		297	1.949
Purchase 16mm. films	$	1,540	6,000
Rental 16mm. films	$	4,800	200
Purchase Equipment	$	5,250	13,739
Other Materials	$	6,600	5,564
Other Budget Items	$	700	1,036
Total Budget	$	18,890	20,540
Per Pupil Expenditure	$	3.33	.71
Number Language Labs		2	11
Educ. Television	$	0	30,402
Television Viewers a day			4,079

TEACHERS SHARING EDUCATIONAL COMMUNICATIONS MATERIALS AND EQUIPMENT AND PER PUPIL EXPENDITURE

Teacher Load/Full Time	Afton	Alice Palmer	Almart Parish	Altona	Amsterdam	Ardsley
Edcom Professional	500	225	710	52	356	500
Edcom Nonprofessional	-	-	-	-	356	-
Teachers Using Each						
16mm. Projector	25	9	14.2	13	13	21.4
Filmstrip-2x2 Projector	12.5	3	5.9	4.3	10.2	15
Overhead Projector	25	6.7	14.2	6.5	20.4	16.7
Audiotape Recorder	12.5	10.4	23.7	6.5	10.6	15
Television Receiver	4.2	8.4	-	-	23.8	10.7
Radio	50	45	-	-	-	-
Electronic Classroom	-	135	71	-	285	75
Record Player	-	2.7	8.9	1.9	7.5	3.9
Screen	8.3	1.9	5.9	1.2	7.5	8.8
Darkened Classroom	25	2.7	8.9	1.2	3.8	1
Microprojector	50	45	71	-	285	37.5
Opaque Projector	50	45	23.7	26	28.5	50
Number Per Teacher						
16mm. Films Owned	0	.1	0	0	.4	0
Filmstrips Owned	6	22.2	7.1	0	5.6	5.4
Free Films Used/year	5	4.4	1.1	13.3	0	0
Per Pupil Expenditure						
Audiovisual	$ 2.64	3.88	.37	-	2.20	6.75
Television	2.98	1.17	0	0	0	2.88
Total	$ 5.62	5.05	.37	-	2.20	9.63

Teacher Load/Full Time	Bainbridge-Guilford	Baldwinsville	Ballston Spa	Barker
Edcom Professional	1950	278	153	356
Edcom Nonprofessional	-	-	153	3560
Teachers Using Each				
16mm. Projector	19.5	17.4	9.6	14.2
Filmstrip-2x2 Projector	13	8.9	3.7	4.4
Overhead Projector	19.5	30.9	7.2	11.8
Audiotape Recorder	26	16.4	-	10.1
Television Receiver	26	92.6	115	-
Radio	39	34.7	-	17.8
Electronic Classroom	-	69.5	57.5	-
Record Player	-	4.1	-	8.9
Screen	7.8	2.3	2.1	2.3
Darkened Classroom	13	1.6	2.1	2
Microprojector	39	92.6	57.5	-
Opaque Projector	39	30.9	19.3	71
Number Per Teacher				
16mm. Films Owned	.04	0	0	0
Filmstrips Owned	1.28	13.7	7.8	3.5
Free Films Used/year	.64	1.8	1.39	1.41
Per Pupil Expenditure				
Audiovisual	$ 1.10	1.20	5.33	-
Television	0	0	0	-
Total	$ 1.10	1.20	5.33	-

Teacher Load/Full Time	Batavia	Bath	Bayport Blue Point	Bellport	Berne Knox	Bethlehem
Edcom Professional	1075	450	388	167	740	-
Edcom Nonprofessional	215	-	-	-	-	-
Teachers Using Each						
16mm. Projector	17.9	16.8	9	14.3	14.7	14.8
Filmstrip-2x2 Projector	7.2	3.5	2.6	5.4	-	3.6
Overhead Projector	10.2	13.5	6.4	10	29.5	7.8
Audiotape Recorder	10.7	12.3	11.3	10.5	59	7.6
Television Receiver	23.9	135	9.6	22.3	59	10
Radio	4.2	67.5	16.9	40	29.5	6.9
Electronic Classroom	215	-	135	100	-	125
Record Player	12	3.4	2.9	2.7	-	8.4
Screen	3.6	4.1	1.7	1.14	11.8	1.8
Darkened Classroom	43	67.5	3.5	1	1.5	1.5
Microprojector	107	67.5	135	33.3	-	27.9
Opaque Projector	21.5	33.8	67.5	33.3	29.5	22.9
Number Per Teacher						
16mm. Films Owned	.57	0	.23	.26	0	.044
Filmstrips Owned	6.86	12.6	22	10	5.1	15.5
Free Films Used/year	.95	.37	4.26	5	1.7	1.75
Per Pupil Expenditure						
Audiovisual	$ 1.80	2.28	2.64	3.65	1.00	1.40
Television	0	0	4.92	0	0	.97
Total	$ 1.80	2.28	7.56	3.65	1.00	2.37

Teacher Load/Full Time	Binghamton	Bloomfield	Brentwood	Brighton
Edcom Professional	680	112	196	930
Edcom Nonprofessional	680	-	196	169
Teachers Using Each				
16mm. Projector	16.6	14	8.9	7.4
Filmstrip-2x2 Projector	9.6	2.8	5.9	6.9
Overhead Projector	23.5	7	49	8.8
Audiotape Recorder	13.9	7	6.1	5.8
Television Receivers	40	-	32.7	20.7
Radio	136	56	22.6	62
Electronic Classroom	227	56	-	18.6
Record Player	3.9	1.9	1.83	2.6
Screen	8.4	7	2.17	2.1
Darkened Classroom	45.4	1.4	.88	1.58
Microprojector	113	56	29.4	37.2
Opaque Projector	48.6	28	20.3	37.2
Number Per Teacher				
16mm. Films Owned	.59	.04	.11	1.52
Filmstrips Owned	1.06	17.8	14.2	4.7
Free Films Used/year	.51	0	4.8	.75
Per Pupil Expenditure				
Audiovisual	$ .83	2.00	2.14	4.08
Television	1.18	0	0	0
Total	$ 2.01	2.00	2.14	4.08

Teacher Load/Full Time	Brockport	Bronxville	Brookfield	Brushton	Buffalo
Edcom Professional	136	84	1150	500	1600
Edcom Nonprofessional	544	168	-	-	-
Teachers Using Each					
16mm. Projector	13.6	5.6	11.5	10	12.8
Filmstrip-2x2 Projector	6.8	3.6	5.7	7.1	6.4
Overhead Projector	4.7	3.8	11.5	12.5	21.3
Audiotape Recorder	10.4	2.7	7.7	12.5	14.2
Television Receiver	34	42	23	-	16
Radio	-	84	11.5	25	18.3
Electronic Classroom	136	84	-	50	3200
Record Player	3.8	1.53	23	4.16	8
Screens	1.7	1.40	3.8	3.57	4.56
Darkened Classroom	1.8	1	3.8	8.3	6.67
Microprojector	68	8.4	11.5	-	457
Opaque Projector	34	21	-	50	21.3
Number Per Teacher					
16mm. Films Owned	0	.07	0	.06	.87
Filmstrips Owned	9.2	8.62	11.3	7.8	-
Free Films Used/year	.147	1.19	1.74	10	.03
Per Pupil Expenditure					
Audiovisual	$ 3.42	6.00	2.00	.90	.11
Television	0	0	0	0	.71
Total	$ 3.42	6.00	2.00	.90	.82

Teacher Load/Full Time	Byram Hills	Camden	Canajoharie	Canastota	Catskill
Edcom Professional	192	128	500	360	800
Edcom Nonprofessional	-	-	937	1080	-
Teachers Using Each					
16mm. Projector	9.6	12.8	15	10.8	20
Filmstrip-2x2 Projector	9.6	6.1	5.3	10.8	8.9
Overhead Projector	7.0	6.1	37.5	9	40
Audiotape Recorder	7.7	4.1	12.5	10.8	27
Television Receiver	-	16	9.4	27	-
Radio	-	64	37.5	54	-
Electronic Classroom	77	64	-	2.2	80
Record Player	1.83	1.97	5	9	20
Screen	2.66	2.84	9.4	2.2	16
Darkened Classroom	4.05	1	1.4	3	2
Microprojector	25.7	128	3.75	54	-
Opaque Projector	38.5	42.6	3.75	18	40
Number Per Teacher					
16mm. Films Owned	0	0	0	0	0
Filmstrips Owned	16.7	0	16	1.3	0
Free Films Used/year	4.55	1.56	.53	1.4	.8
Per Pupil Expenditure					
Audiovisual	$ 4.50	1.37	5.91	1.60	.81
Television	0	4.40	5.05	0	0
Total	$ 4.50	5.77	10.96	1.60	.81

Teacher Load/Full Time	**Champlain**	**Chateaugay**	**Chatham**	**Chazy**	**Chedwick**
Edcom Professional	450	-	520	925	460
Edcom Nonprofessional	-	-	690	-	-
Teachers Using Each					
16mm. Projector	15	22.5	13	12.34	7.7
Filmstrip-2x2 Projector	11.2	15	9.4	2.8	7.7
Overhead Projector	15	22.5	26	18.5	11.5
Audiotape Recorder	11.2	45	13	4.6	11.5
Television Receiver	45	-	8	18.5	23
Radio	-	-	13	-	11.5
Electronic Classroom	45	-	-	-	-
Record Player	11.2	-	4.9	2.8	3.8
Screen	11.2	22.5	7.4	3.7	5.8
Darkened Classroom	-	4.5	6.9	1.1	4.6
Microprojector	-	-	-	-	23
Opaque Projector	45	-	34.6	37	23
Number Per Teacher					
16mm. Films Owned	0	0	.39	.03	0
Filmstrips Owned	3.3	5.6	9	24.3	0
Free Films Used/year	3.3	6.1	1.1	5.4	13
Per Pupil Expenditure					
Audiovisual	$ 2.00	1.53	1.28	3.90	2.25
Television	0	0	2.00	0	5.48
Total	$ 2.00	1.53	3.28	3.90	7.73

Teacher Load/Full Time	Chenango Forks	Chenango Valley	Churchville Chile	Clarence	Clifton Springs
Edcom Professional	340	355	340	910	120
Edcom Nonprofessional	-	-	-	2860	-
Teachers Using Each					
16mm. Projector	17	14.2	16.8	8.7	12
Filmstrip-2x2 Projector	11.3	7.1	9	3.6	6
Overhead Projector	7.8	16.4	5.9	11.8	4.3
Audiotape Recorder	25.5	13.3	13.5	20	6
Television Receiver	51	5.9	67.5	28.5	15
Radio	51	3.55	33.8	33.3	-
Electronic Classroom	102	53.2	67.5	200	-
Record Player	9.3	2.8	2.9	3.8	3
Screen	7.3	2.1	2.7	2.7	7.5
Darkened Classroom	2.5	-	1.9	1.6	1
Microprojector	51	42.6	-	66.7	30
Opaque Projector	34	26.6	45	28.5	30
Number Per Teacher					
16mm. Films Owned	.12	.47	0	0	0
Filmstrips Owned	9.1	7	9.1	14	11.7
Free Films Used/year	.98	.23	1.7	1.9	1.7
Per Pupil Expenditure					
Audiovisual	$ 2.30	2.68	2.85	1.47	1.55
Television	0	2.08	0	0	.35
Total	$ 2.30	4.76	2.85	1.47	1.90

Teacher Load/Full Time	Cobleskill	Colton	Connetquot	Coxsackie	Cranesville
Edcom Professional	274	350	-	-	140
Edcom Nonprofessional	-	-	-	-	-
Teachers Using Each					
16mm. Projector	16	11.7	17.3	12	7
Filmstrip-2x2 Projector	4.4	1.9	17.3	7.2	7
Overhead Projector	10.6	3.5	26	9	-
Audiotape Recorder	12	7	26	14.4	-
Television Receiver	48	5	26	36	7
Radio	48	11.7	43.4	-	-
Electronic Classroom	96	-	260	72	-
Record Player	-	2.1	1.7	5.1	1
Screen	5.1	1.8	6.5	3.6	7
Darkened Classroom	2.4	17.5	8.6	-	1
Microprojector	32	35	-	18	-
Opaque Projector	32	35	80.6	24	-
Number Per Teacher					
16mm. Films Owned	.04	0	0	0	0
Filmstrips Owned	15.4	34	3.8	2.8	0
Free Films Used/year	1.7	2.2	1.15	1.04	1.4
Per Pupil Expenditure					
Audiovisual	$ 2.00	2.13	1.43	1.37	1.70
Television	0	0	0	0	0
Total	$ 2.00	2.13	1.43	1.37	1.70

Teacher Load/Full Time	Dannemora	Dansville	Delaware	Depew	Deposit
Edcom Professional	220	171	330	146	1250
Edcom Nonprofessional	220	-	264	-	125
Teachers Using Each					
16mm. Projector	11	12	22	11.3	12.5
Filmstrip-2x2 Projector	11	8.6	9.4	7.8	4.8
Overhead Projector	11	7.07	9.4	17	63
Audiotape Recorder	22	9.25	11	14.5	12.5
Television Receiver	-	13.3	8.25	34	6.3
Radio	-	40	33	34	63
Electronic Classroom	-	-	66	-	-
Record Player	4.4	2.9	6	6.4	-
Screen	4.4	3.1	4.12	5.7	4.5
Darkened Classroom	2.2	2.6	66	1.48	1
Microprojector	-	40	66	34	-
Opaque Projector	22	30	33	34	21
Number Per Teacher					
16mm. Films Owned	0	0	.015	.87	0
Filmstrips Owned	6.36	14.2	11	11.5	29.7
Free Films Used/year	11.4	1.54	1.21	1.71	1.2
Per Pupil Expenditure					
Audiovisual	$ -	3.66	.15	3.27	2.73
Television	-	.13	.58	0	.76
Total	$ -	3.79	.73	3.27	3.49

Teacher Load/Full Time	DeWitt	Dobbs Ferry	Downsville	Dryden	East Aurora	East Greenbush
Edcom Professional	172	327	100	-	152	1000
Edcom Nonprofessional	190	-	-	-	3200	-
Teachers Using Each						
16mm. Projector	10.5	16.3	12.5	12	9.4	16.6
Filmstrip-2x2 Projector	3.16	6.5	3.1	2.4	5.3	10
Overhead Projector	3.5	32.7	8.1	2.9	6.1	13.9
Audiotape Recorder	4.7	8.1	5	5.6	7.3	14.7
Television Receiver	15.8	32.7	4.1	-	26.7	8.3
Radio	47.5	32.7	25	-	23	35.6
Electronic Classroom	31.6	-	-	-	53.4	250
Record Player	6.8	5.16	1.8	3.2	3.1	6.4
Screen	1.23	3.5	1.25	4.17	1.65	6.1
Darkened Classroom	1.34	19.6	1.25	9.6	1.76	1.9
Microprojector	38	98	12.5	32	26.7	125
Opaque Projector	31.6	49	12.5	32	53.4	27.7
Number Per Teacher						
16mm. Films Owned	.03	.10	0	0	.94	0
Filmstrips Owned	16	21.4	24	1.04	7.46	2.6
Free Films Used/year	3	7.15	2.8	1.04	1.56	.8
Per Pupil Expenditure						
Audiovisual	$ 10.94	3.23	29.00	-	4.80	5.10
Television	1.67	0	.84	0	0	0
Total	$ 12.61	3.23	29.84	-	4.80	5.10

Teacher Load/Full Time	East Meadow	East Rochester	East Rockaway	East Williston	Edgemont
Edcom Professional	542	400	400	126	272
Edcom Nonprofessional	-	-	1000	132	-
Teachers Using Each					
16mm. Projector	12.8	7.7	16.7	9.4	10.9
Filmstrip-2x2 Projector	6.95	7.1	14.3	4	9.1
Overhead Projector	18.9	4	20	6.9	13.6
Audiotape Recorder	12.7	14.8	8.3	4.9	9.9
Television Receiver	10	25	12.5	16.5	18.1
Radio	-	33.3	16.7	44	21.8
Electronic Classroom	-	33.3	33.3	132	109
Record Player	2.47	2.5	2.7	-	3.64
Screen	2.96	2.13	2.8	1.78	4.03
Darkened Classroom	16.6	1.26	2.6	1.48	2.73
Microprojector	62.5	50	25	44	109
Opaque Projector	48	25	100	26.4	21.8
Number Per Teacher					
16mm. Films Owned	.26	.01	0	1.1	.21
Filmstrips Owned	14.8	9.7	9.95	18.9	9
Free Films Used/year	.74	6.3	4	2.27	5.5
Per Pupil Expenditure					
Audiovisual	$ 1.06	2.50	2.67	5.97	3.40
Television	0	.31	1.03	0	0
Total	$ 1.06	2.81	3.70	5.97	3.40

Teacher Load/Full Time	Eldred	Ellenburg	Elmsford	Fairport	Fallsburgh
Edcom Professional	733	192	208	198	380
Edcom Nonprofessional	440	-	-	-	-
Teachers Using Each					
16mm. Projector	11	16	9.1	16.5	9.5
Filmstrip-2x2 Projector	11	9.6	9.1	9	5.85
Overhead Projector	11	9.6	12	13.2	15.2
Audiotape Recorder	11	16	10.4	16.5	9.5
Television Receiver	22	-	14.6	15.2	38
Radio	22	-	14.6	-	38
Electronic Classroom	-	48	73	99	76
Record Player	-	4.4	5.2	6.6	-
Screen	2	9.6	3.2	7.9	3.04
Darkened Classroom	1.83	2.1	2.9	1.4	3.04
Microprojector	22	16	73	33	-
Opaque Projector	22	48	24	66	12.7
Number Per Teacher					
16mm. Films Owned	0	0	0	0	.06
Filmstrips Owned	9.1	12.5	5.3	5.05	-
Free Films Used/year	1.8	0	2.7	.51	-
Per Pupil Expenditure					
Audiovisual	$ .68	1.30	2.43	1.60	.72
Television	0	0	0	.52	0
Total	$ .68	1.30	2.43	2.12	.72

Teacher Load/Full Time	Farmingdale	Fonda	Fort Johnson	Fort Plain	Frankfort
Edcom Professional	654	220	120	1340	880
Edcom Nonprofessional	327	150	-	-	-
Teachers Using Each					
16mm. Projector	6.7	12.5	6	22.3	12.1
Filmstrip-2x2 Projector	3.5	10.7	6	6.7	7.5
Overhead Projector	6.5	7.5	-	13.4	10.8
Audiotape Recorder	7.3	10.7	6	13.4	8.8
Television Receiver	26.1	12.5	-	-	-
Radio	32.7	37.5	-	-	32.3
Electronic Classroom	163	75	-	-	97
Record Player	2.6	-	-	8.4	31.3
Screen	1.38	6.25	3	11.2	3.34
Darkened Classroom	1.38	75	6	-	3.6
Microprojector	26.1	75	-	-	48.5
Opaque Projector	72.7	25	-	33	32.3
Number Per Teacher					
16mm. Films Owned	.46	0	0	.22	0
Filmstrips Owned	10.7	10.7	33.3	6.7	3.7
Free Films Used/year	6.1	1.33	3.3	2.24	.55
Per Pupil Expenditure					
Audiovisual	$ 2.49	1.00	7.71	1.13	5.32
Television	.39	0	0	0	0
Total	$ 2.88	1.00	7.71	1.13	5.32

Teacher Load/Full Time	**Fredonia**	**Fulton**	**Galway**	**Germantown**	**Gloversville**
Edcom Professional	266	505	240	90	360
Edcom Nonprofessional	206	-	240	-	-
Teachers Using Each					
16mm. Projector	9.3	11.1	24	22.5	7.8
Filmstrip-2x2 Projector	5.47	5.5	8	22.5	5.8
Overhead Projector	4.6	10.4	24	-	15
Audiotape Recorder	5.2	14.7	24	15	8.6
Television Receiver	9.3	10.4	24	45	-
Radio	46.5	29.5	24	45	-
Electronic Classroom	-	-	43	45	90
Record Player	2.3	4.02	-	-	2.8
Screen	3.2	1.69	16	15	2.3
Darkened Classroom	10.3	2.68	4.36	-	-
Microprojector	46.5	44.2	-	-	180
Opaque Projector	31	22.1	24	45	30
Number Per Teacher					
16mm. Films Owned	.02	0	0	0	1.45
Filmstrips Owned	12.9	13.5	16	7.25	8.8
Free Films Used/year	.54	.56	2.9	1.1	0
Per Pupil Expenditure					
Audiovisual	$ 3.62	2.41	.50	2.00	1.80
Television	-	.50	0	0	0
Total	$ 3.62	2.91	.50	2.00	1.80

Teacher Load/Full Time	Glen Cove	Gouverneur	Gray	Great Neck	Greenburgh	Greene
Edcom Professional	297	284	-	85	402	180
Edcom Nonprofessional	1000	-	-	74	1610	-
Teachers Using Each						
16mm. Projector	8.1	14.2	-	5.35	13.4	10
Filmstrip-2x2 Projector	6.5	5.02	4	4.3	4.6	5
Overhead Projector	7.7	7.8	-	5.08	9.5	10
Audiotape Recorder	8.8	15.6	-	4.5	5.37	9
Television Receiver	12	26	-	4.13	23	10
Radio	37.5	78	-	14	32	-
Electronic Classroom	300	78	-	508	161	-
Record Player	2.6	3.5	-	1.62	3.4	3
Screen	1	2.36	.8	1.13	1.94	4.28
Darkened Classroom	1	4.88	1	1.13	2.27	2
Microprojector	75	22.3	-	26.7	40.2	90
Opaque Projector	17.6	19.5	-	23	17.8	18
Number Per Teacher						
16mm. Films Owned	1.66	.256	0	3.34	.18	0
Filmstrips Owned	12.1	12.1	7.5	19.7	8.7	5.56
Free Films Used/year	.33	1.2	2.5	2.95	2.48	1.8
Per Pupil Expenditure						
Audiovisual	$ 4.79	4.00	1.51	2.92	2.92	3.00
Television	0	.41	0	3.25	0	0
Total	$ 4.79	4.41	1.51	6.17	2.92	3.00

Teachers Load/Full Time	**Green Island**	**Groton**	**Guilderland**	**Hageman**	**Half Hollow Hills**
Edcom Professional	115	340	291	175	-
Edcom Nonprofessional	-	488	-	-	-
Teachers Using Each					
16mm. Projector	23	11.1	14.8	7	11.4
Filmstrip-2x2 Projector	7.66	5.2	5.86	7	4.74
Overhead Projector	11.5	7.1	14.1	-	36
Audiotape Recorder	23	15.6	8.4	7	7.2
Television Receiver	-	39	14	7	251
Radio	-	26	84.2	7	25.1
Electronic Classroom	-	-	126	-	84
Record Player	7.6	7.8	3.46	3.5	2.13
Screen	11.5	6.5	5.16	7	3.18
Darkened Classroom	.92	1.26	1.01	1	1.78
Microprojector	-	-	50.6	-	251
Opaque Projector	23	26	42.1	-	31.4
Number Per Teacher					
16mm. Films Owned	0	.03	.08	0	0
Filmstrips Owned	4.33	4.1	3.55	14.3	0
Free Films Used/year	1.08	2.3	3.16	.71	.198
Per Pupil Expenditure					
Audiovisual	$ -	1.76	.98	3.57	2.36
Television	-	0	0	1.43	0
Total	$ -	1.76	.98	5.00	2.36

Teachers Load/Full Time		**Hancock**	**Harpursville**	**Hartsdale**	**Hastings On Hudson**
Edcom Professional		73	150	221	48
Edcom Nonprofessional		-	-	-	-
Teachers Using Each					
16mm. Projector		31	8.6	10.2	9.07
Filmstrip-2x2 Projector		10.3	7.5	8.5	5.88
Overhead Projector		10.3	1.33	12.7	7.7
Audiotape Recorder		12.4	3.75	3.9	10
Television Receiver		15.5	15	12.7	14.3
Radio		62	60	12.7	-
Electronic Classroom		62	-	-	33.3
Record Player		10.3	2.07	1.88	4.16
Screen		12.4	10	4.25	3.33
Darkened Classroom		8.85	30	12.7	-
Microprojector		-	60	51	100
Opaque Projector		62	20	17	20
Number Per Teacher					
16mm. Films Owned		.03	.05	0	0
Filmstrips Owned		12.9	.05	33.4	8.67
Free Films Used/year		1.61	16.5	.78	0
Per Pupil Expenditure					
Audiovisual	$	1.16	2.00	3.88	4.42
Television		.82	.83	0	0
Total	$	1.98	2.83	3.88	4.42

Teachers Load/Full Time		**Hauppauge**	**Haverstraw**	Hawthorne **Knolls**	**Hempstead**
Edcom Professional		2,650	650	185	242
Edcom Nonprofessional		-	-	-	138
Teachers Using Each					
16mm. Projector		19.8	12.2	7.4	11
Filmstrip-2x2 Projector		12.5	4.88	7.4	4.3
Overhead Projector		34	11.5	-	13.7
Audiotape Recorder		19.8	16.2	5.3	10.2
Television Receiver		238	17.7	7.4	6.7
Radio		47.6	27.8	-	9.5
Electronic Classroom		238	195	-	276
Record Player		2.03	3.61	7.4	1.9
Screen		8.2	3.36	3.08	1.5
Darkened Classroom		1.45	1	2.5	1.5
Microprojector		119	65	18.5	-
Opaque Projector		39.6	19.5	12.3	23
Number Per Teacher					
16mm. Films Owned		0	0	.27	2.3
Filmstrips Owned		8.4	9.6	8.1	17.3
Free Films Used/year		0	1.64	5.4	2.1
Per Pupil Expenditure					
Audiovisual	$	2.57	1.95	10.00	4.47
Television	$	0	0	0	.92
Total		2.57	1.95	10.00	5.39

Teachers Load/Full Time		Herkimer	Hicksville	Holley	Honeoye Falls	Hoosick Falls
Edcom Professional		2,260	197	109	375	292
Edcom Nonprofessional		3,760	-	-	750	-
Teachers Using Each						
16mm. Projector		11.3	10.8	10.1	15	14.6
Filmstrip-2x2 Projector		4.9	9.1	8.9	6.25	6.1
Overhead Projector		18.8	13.4	11.8	6.25	18.2
Audiotape Recorder		11.3	7.9	17.8	10.7	18.2
Television Receiver		28.2	53.8	23.6	12.5	-
Radio		22.6	21	-	25	-
Electronic Classroom		-	296	71	37.5	-
Record Player		3.32	3.48	7.9	3.4	-
Screen		4.03	4.73	5.9	1.88	4.3
Darkened Classroom		3.23	11.8	3.55	2.2	1
Microprojector		28.2	59.2	35.5	-	36.5
Opaque Projector		37.6	35	23.6	37.5	36.5
Number Per Teacher						
16mm. Films Owned		.15	.6	0	0	0
Filmstrips Owned		13.1	11.3	7.04	8	8.05
Free Films Used/year		3.34	.78	4.93	8.66	2.05
Per Pupil Expenditure						
Audiovisual	$	3.25	2.76	2.32	7.31	.90
Television		0	0	.50	.52	0
Total	$	3.25	2.76	2.82	7.83	.90

Teacher Load/Full Time	Hornell	Hudson Falls	Hunt Memorial	Huntington	Ilion
Edcom Professional	386	-	-	238	840
Edcom Nonprofessional	-	-	-	248	-
Teachers Using Each					
16mm. Projector	8.78	23	5	8.15	15.7
Filmstrip-2x2 Projector	5.36	6.7	1.67	4.2	10.5
Overhead Projector	10.1	26.9	3.33	8.7	15.7
Audiotape Recorder	9.2	13.4	5	8.5	21
Television Receiver	-	26.9	-	26.1	31.5
Radio	16	26.9	-	24.8	14
Electronic Classroom	96.5	80.6	-	496	126
Record Player	4.6	2.73	5	3.04	-
Screen	3.33	5.55	.77	1.64	10.5
Darkened Classroom	7.73	10.1	.91	1.64	1
Microprojector	27.6	161	-	71	25.2
Opaque Projector	19.3	17.9	5	99	21
Number Per Teacher					
16mm. Films Owned	0	.08	0	.52	0
Filmstrips Owned	13	11.3	12.5	5.04	.79
Free Films Used/year	1.04	0	3.5	1.28	0
Per Pupil Expenditure					
Audiovisual	$ 2.00	.47	10.00	3.15	1.31
Television	0	0	0	0	0
Total	$ 2.00	.47	10.00	3.15	1.31

Teacher Load/Full Time	Interlaken	Irvington	Island Trees	Islip	Ithaca
Edcom Professional	380	-	700	448	404
Edcom Nonprofessional	-	-	560	210	161
Teachers Using Each					
16mm. Projector	7.6	12.3	14.7	12	8.1
Filmstrip-2x2 Projector	4.2	6.2	7.8	5.1	6.9
Overhead Projector	4.2	8.2	16.5	16.2	5.4
Audiotape Recorder	5.4	12.3	11.2	12	4.6
Television Receiver	-	12.3	40	4.6	9.7
Radio	-	24.6	56	1.25	8.1
Electronic Classroom	-	37	-	179	69.2
Record Player	19	2.3	3.46	1.69	2.42
Screen	2.1	3.7	5.7	2.08	1.90
Darkened Classroom	9.5	-	3.5	1.6	2.15
Microprojector	38	3.7	7	59.6	28.5
Opaque Projector	12.7	24.6	46.7	36	20.2
Number Per Teacher					
16mm. Films Owned	0	0	0	0	1.03
Filmstrips Owned	7.4	15.6	8.33	7.8	5.16
Free Films Used/year	1.31	1.01	0	.11	.82
Per Pupil Expenditure					
Audiovisual	$ 2.00	-	.96	6.00	2.62
Television	0	-	0	7.20	7.30
Total	$ 2.00	-	.96	13.20	9.92

Teachers Load/Full Time		**Kendall**	**Kingston**	**Lackawanna**	**Lakeside**	**Lancaster**
Edcom Professional		540	500	252	45	798
Edcom Nonprofessional		-	-	252	-	-
Teachers Using Each						
16mm. Projector		10.8	6.67	10.9	9	9.26
Filmstrip-2x2 Projector		10.8	10	10.5	4.5	8.2
Overhead Projector		5.4	6.93	28	4.5	8.44
Audiotape Recorder		10.8	11.6	14.8	9	9.56
Television Receiver		54	500	23	9	47.8
Radio		54	167	21	-	32
Electronic Classroom		-	167	252	-	143
Record Player		1.8	3.57	6.8	3	4.95
Screen		3.6	1	4.58	4.5	5.98
Darkened Classroom		27	1.16	-	1	1.3
Microprojector		54	50	28	-	35.9
Opaque Projector		54	17.8	19.3	-	31.9
Number Per Teacher						
16mm. Films Owned		0	2.4	1.37	0	.01
Filmstrips Owned		5.56	4	5.75	11.1	8.55
Free Films Used/year		2.13	.08	.39	5.55	5.25
Per Pupil Expenditure						
Audiovisual	$	1.00	5.84	.92	10.00	1.99
Television		0	0	1.53	4.71	0
Total	$	1.00	5.84	2.45	14.71	1.99

Teachers Load/Full Time	Lansing	Lansingburgh	Lawrence	Lewiston Porter	Liberty
Edcom Professional	344	250	360	228	500
Edcom Nonprofessional	690	-	360	-	-
Teachers Using Each					
16mm. Projector	8.6	10	7.66	7.5	9.1
Filmstrip-2x2 Projector	4.9	8.12	6	5.85	3.85
Overhead Projector	3.13	18.6	8.8	11.7	12.5
Audiotape Recorder	9.85	14.4	6.54	6.03	6.67
Television Receiver	-	7.22	9.48	31.2	33.3
Radio	17.3	18.6	-	18.7	100
Electronic Classroom	69	130	-	93	50
Record Player	3	4.33	3.67	3.82	4.54
Screen	2.3	5.9	2.35	5.84	1
Darkened Classroom	4.05	1	6	1.87	1
Microprojector	34.5	-	36	93	100
Opaque Projector	34.5	26	22.5	62	33.3
Number Per Teacher					
16mm. Films Owned	0	.65	.75	2.4	.03
Filmstrips Owned	7.4	6.15	8.33	8.02	16.5
Free Films Used/year	2.54	1.15	.83	1.07	.06
Per Pupil Expenditure					
Audiovisual	$ 4.00	2.90	7.03	3.50	4.00
Television	0	7.90	2.61	.12	0
Total	$ 4.00	10.80	9.64	3.62	4.00

Teachers Load/Full Time	Lindenhurst	Little Falls	Liverpool	Locust Valley	Long Beach
Edcom Professional	1,142	300	425	150	330
Edcom Nonprofessional	286	1,800	425	-	-
Teachers Using Each					
16mm. Projector	19.1	9	15.2	10.7	16.2
Filmstrip-2x2 Projector	11.4	5	7.1	4.55	3.44
Overhead Projector	11.4	22.4	11.5	10.7	9.45
Audiotape Recorder	11.4	10	9.2	6.82	9.45
Television Receiver	38.2	90	7.6	37.5	8.72
Radio	38.2	-	42.5	21.4	113
Electronic Classroom	-	90	70.8	-	340
Record Player	3.82	90	3.7	3.13	2.9
Screen	3.18	2.25	3.45	3.57	2.95
Darkened Classroom	1.91	2.25	1.48	4.3	28.3
Microprojector	-	-	38.6	150	68
Opaque Projector	5.72	45	38.6	30	48.5
Number Per Teacher					
16mm. Films Owned	.46	1.67	.53	0	.24
Filmstrips Owned	.87	3.33	15.5	12	13.8
Free Films Used/year	.52	.83	1.88	0	1.67
Per Pupil Expenditure					
Audioviusal	$ 2.65	1.30	3.20	2.30	2.70
Television	0	0	1.29	0	0
Total	$ 2.65	1.30	4.49	2.30	2.70

Teachers Load/Full Time	Lyndonville	Lyon Mountain	Maine Endwell	Malone	Mamaroneck
Edcom Professional	900	70	163	685	248
Edcom Nonprofessional	772	-	-	-	380
Teachers Using Each					
16mm. Projector	10.8	21	8.16	7.6	5.3
Filmstrip-2x2 Projector	27	10.5	6.12	7.2	3.24
Overhead Projector	27	10.5	5.22	17.1	4.6
Audiotape Recorder	10.8	21	8.45	11.4	3.96
Television Receiver	27	-	9.07	-	4.53
Radio	27	21	30.6	-	35.6
Electronic Classroom	-	-	40.8	-	285
Record Player	6	-	3.71	4.9	1.86
Screen	13.5	4.2	2.95	5.07	2.08
Darkened Classroom	3	5.25	1.23	5.7	1.39
Microprojector	54	21	24.5	-	47.5
Opaque Projector	54	21	30.6	27.4	23.7
Number Per Teacher					
16mm. Films Owned	8.23	0	.07	.02	3.26
Filmstrips Owned	2	.95	10.2	0	13.3
Free Films Used/year	0	0	1.22	7.3	.87
Per Pupil Expenditure					
Audiovisual	$ 1.45	3.82	1.50	1.43	5.54
Television	0	0	.69	0	14.25
Total	$ 1.45	3.82	2.19	1.43	19.79

Teachers Load/Full Time	**Manilus**	**Maplewood**	**Mastic**	**Mechanicville**
Edcom Professional	873	130	228	960
Edcom Nonprofessional	-	-	-	-
Teachers Using Each				
16mm. Projector	13.1	13	10.5	10.7
Filmstrip-2x2 Projector	5.7	13	11.4	6.4
Overhead Projector	13.8	-	17.1	8.7
Audiotape Recorder	8.45	6.5	19.5	10.7
Television Receiver	10.4	13	68.4	-
Radio	52.4	-	68.4	-
Electronic Classroom	-	-	-	-
Record Player	4.76	6.5	9.76	4
Screen	2.4	4.33	4.9	2.34
Darkened Classroom	1.45	6.5	2.28	9.6
Microprojector	65.5	13	27.4	48
Opaque Projector	23.8	0	22.8	48
Number Per Teacher				
16mm. Films Owned	0	0	.04	0
Filmstrips Owned	11	3.07	5.4	10.4
Free Films Used/year	2.29	0	.82	3.86
Per Pupil Expenditure				
Audiovisual	$ 2.20	.50	4.15	1.74
Television	2.01	0	0	0
Total	$ 4.21	.50	4.15	1.74

Teachers Load/Full Time		**Medina**	**Menands**	**Middleburgh**	**Mineola**	**Mohonasen**
Edcom Professional		320	54	590	125	-
Edcom Nonprofessional		-	-	-	137	-
Teachers Using Each						
16mm. Projector		14.2	8	14.7	9.8	13.4
Filmstrip-2x2 Projector		12.8	5.33	3.28	6.4	6.28
Overhead Projector		18.3	16	9.85	11.4	11.1
Audiotape Recorder		21.3	8	14.7	11.4	16.7
Television Receiver		42.6	16	3.94	2.2	11.8
Radio		-	16	-	-	40.2
Electronic Classroom		64	-	-	275	201
Record Player		7.1	-	-	3.2	4.46
Screen		14.2	4	1	1.37	4.36
Darkened Classroom		-	1.33	1	1.37	11.1
Microprojector		-	16	59	18.3	28.7
Opaque Projector		42.7	16	29.5	39.3	40.2
Number Per Teacher						
16mm. Films Owned		0	0	0	.12	.03
Filmstrips Owned		1.56	40.6	21.1	1.02	24.4
Free Films Used/year		0	3.13	5.1	.83	1.4
Per Pupil Expenditure						
Audiovisual	$	1.69	1.43	.30	2.35	2.65
Television		0	0	2.98	17.40	0
Total	$	1.69	1.43	3.28	19.75	2.65

Teachers Load/Full Time	Montgomery	Mooers	Mount Pleasant	Mount Upton	Mount Vernon
Edcom Professional	2,140	133	5,550	-	367
Edcom Nonprofessional	-	200	-	-	-
Teachers Using Each					
16mm. Projector	53.5	20	9.25	5.5	11.7
Filmstrip-2x2 Projector	26.8	8	9.25	7.3	7.4
Overhead Projector	42.8	13.3	13.8	11	16.2
Audiotape Recorder	107	20	9.25	4.4	9.8
Television Receiver	-	-	6.9	-	21.1
Radio	-	40	27.7	11	14.8
Electronic Classroom	214	-	111	22	550
Record Player	53.5	-	3.26	1.47	4.44
Screen	17.8	13.3	2.22	4.4	5.62
Darkened Classroom	1	10	1.38	2.2	2.86
Microprojector	214	-	37	22	42.3
Opaque Projector	107	40	37	11	27.5
Number Per Teacher					
16mm. Films Owned	0	0	0	0	0
Filmstrips Owned	.93	3.1	4.5	9.1	8.4
Free Films Used/year	.28	1.25	1.12	.09	.83
Per Pupil Expenditure					
Audiovisual	$ 1.40	2.00	2.02	2.00	-
Television	0	0	1.41	0	-
Total	$ 1.40	2.00	3.43	2.00	-

Teachers Load/Full Time	Narrowsburg	Newark Valley	New Berlin	Newburgh	Newfield
Edcom Professional	1,050	880	500	258	266
Edcom Nonprofessional	-	-	-	430	-
Teachers Using Each					
16mm. Projector	10.5	9.7	16.7	12.3	8
Filmstrip-2x2 Projector	4.2	5.5	8.33	5.28	8
Overhead Projector	5.25	14.6	12.5	12.6	8
Audiotape Recorder	10.5	9.7	10	10.8	8
Television Receiver	-	14.6	-	37	-
Radio	10.5	29.4	-	40	-
Electronic Classroom	-	88	-	74	-
Record Player	-	2.5	6.25	3.9	4
Screen	3.5	4	6.25	3.6	8
Darkened Classroom	3.5	14.6	16.7	3.7	-
Microprojector	21	44	50	28.7	-
Opaque Projector	21	29.4	50	26	40
Number Per Teacher					
16mm. Films Owned	0	.19	0	.05	0
Filmstrips Owned	9.5	13.7	18.2	12.7	5
Free Films Used/year	8.6	3.57	2.8	2.6	1.25
Per Pupil Expenditure					
Audiovisual $	1.60	3.63	1.00	1.90	18.30
Television	0	1.71	0	22.50	0
Total $	1.60	5.34	1.00	24.40	18.30

Teachers Load/Full Time		New Hartford	New York City	New York Mills	Niagara Falls	Niagara Wheatfield
Edcom Professional		192	2,210	255	956	538
Edcom Nonprofessional		19,200	-	170	318	-
Teachers Using Each						
16mm. Projector		14.8	11.7	17	11.4	26.9
Filmstrip-2x2 Projector		13.7	7.83	5.1	5.83	33.6
Overhead Projector		8.7	25.6	7.28	40	88.6
Audiotape Recorder		19.2	11.7	12.8	15.7	33.6
Television Receiver		-	17.6	.51	14.2	269
Radio		-	7.46	25.5	30.8	45
Electronic Classroom		192	-	-	136	269
Record Player		4.8	3.71	6.38	3.5	19.2
Screen		4	10	4.25	7.2	26.9
Darkened Classroom		-	13.7	51	4.13	-
Microprojector		-	-	-	79.6	-
Opaque Projector		38.4	48	25.5	22.2	269
Number Per Teacher						
16mm. Films Owned		0	.75	0	.84	0
Filmstrips Owned		6.8	8.85	0	2.72	14.8
Free Films Used/year		.26	0	3.9	.03	.61
Per Pupil Expenditure						
Audiovisual	$	1.60	.94	-	1.51	.80
Television		0	-	-	1.34	0
Total	$	1.60	-	-	2.85	.80

Teachers Load/Full Time	**Niskayuna**	**North Syracuse**	**Norwich**	**Norwood Norfolk**	**Ocean Beach**
Edcom Professional	1,000	570	-	140	-
Edcom Nonprofessional	250	-	-	-	-
Teachers Using Each					
16mm. Projector	16.7	16.3	13.9	12.8	2
Filmstrip-2x2 Projector	4.7	5.2	1.52	3.85	2
Overhead Projector	8.33	20.4	11.1	15.4	-
Audiotape Recorder	10	11	8.36	11	2
Television Receiver	7.15	9.2	55.6	38.5	2
Radio	35.7	22.8	167	25.7	1
Electronic Classroom	125	142	55.6	-	-
Record Player	2.78	5.58	1.59	3.08	-
Screen	3.13	11.8	2.09	5.13	.67
Darkened Classroom	1	15.8	-	1.24	.67
Microprojector	83.3	47.5	41.8	77	-
Opaque Projector	31.8	31.7	27.9	25.7	2
Number Per Teacher					
16mm. Films Owned	0	.33	0	0	.50
Filmstrips Owned	8	5.07	28.7	13	62.5
Free Films Used/year	.80	.09	3.6	3	15
Per Pupil Expenditure					
Audiovisual	$ 2.75	-	1.20	1.96	-
Television	1.77	-	0	0	-
Total	$ 4.52	-	1.20	1.96	-

Teachers Load/Full Time		Odessa	Ogdensburg	Onteora	Oriskany Falls	Oswego
Edcom Professional		227	149	184	568	195
Edcom Nonprofessional		-	-	-	-	-
Teachers Using Each						
16mm. Projector		7.5	10.6	12.5	8.5	12.2
Filmstrip-2x2 Projector		6.25	9.3	4.6	8.5	10
Overhead Projector		18.7	10.6	7	5.6	18.8
Audiotape Recorder		10.7	18.6	8.7	8.5	20.4
Television Receiver		75	24.8	44	17	-
Radio		75	27.3	10.9	17	40.7
Electronic Classroom		-	74.5	-	17	-
Record Player		3.6	3.31	2.9	4.25	5.3
Screen		6.8	2.61	2.4	4.25	7
Darkened Classroom		9.4	10.6	5.8	8.5	9.4
Microprojector		-	29.8	175	17	12.2
Opaque Projector		37.5	37.2	35	17	48.8
Number Per Teacher						
16mm. Films Owned		1.2	1.24	.56	0	1.02
Filmstrips Owned		8	4.8	8.6	29.4	5.72
Free Films Used/year		1.33	.40	3.7	4.7	.62
Per Pupil Expenditure						
Audiovisual	$	2.91	.49	5.31	2.50	2.34
Television		0	.20	0	0	0
Total	$	2.91	.69	5.31	2.50	2.34

Teachers Load/Full Time		Ovid	Owego	Oxford	Oyster Bay	Penfield
Edcom Professional		255	460	217	264	200
Edcom Nonprofessional		-	-	-	132	112
Teachers Using Each						
16mm. Projector		10.2	14.7	19	11	8.2
Filmstrip-2x2 Projector		5.67	5.96	5.06	3.3	4.4
Overhead Projector		8.5	24.4	15.2	8.2	8.2
Audiotape Recorder		10.2	12.9	10.8	9.4	8.5
Television Receiver		51	7.1	76	16.5	20
Radio		51	9.6	38	33	40
Electronic Classroom		51	73.3	-	132	35
Record Player		3.64	3.5	3.04	4	2.4
Screen		2.04	2.82	5.42	2.2	1.29
Darkened Classroom		8.5	3.06	3.61	2.2	1.29
Microprojector		25.5	110	-	66	280
Opaque Projector		51	36.6	38	33	28
Number Per Teacher						
16mm. Films Owned		0	0	0	0	0
Filmstrips Owned		9.8	8.6	20.8	3.03	1.44
Free Films Used/year		.98	.95	1.65	3	.36
Per Pupil Expenditure						
Audiovisual	$	2.97	1.93	1.66	4.36	3.38
Television		0	.87	0	0	2.02
Total	$	2.97	2.80	1.66	4.36	5.40

Teachers Load/Full Time		**Peru**	**Phelps**	**Phoenix**	**Plainedge**	**Plainview**
Edcom Professional		1,260	1,150	141	177	-
Edcom Nonprofessional		-	-	-	260	-
Teachers Using Each						
16mm. Projector		14.6	17.2	11.7	14.4	-
Filmstrip-2x2 Projector		6.3	4.6	4.86	6.4	-
Overhead Projector		15.8	3	17.6	39	-
Audiotape Recorder		17.2	13.8	11.7	12.6	-
Television Receiver		38	34.5	141	2.33	-
Radio		-	34.5	28.2	43.3	-
Electronic Classroom		95	-	-	390	-
Record Player		2.18	5.3	3.5	4.05	-
Screen		3.3	2.1	3.9	2.38	-
Darkened Classroom		1.63	2.5	3.5	1	-
Microprojector		38	-	-	97.5	-
Opaque Projector		32	23	35	39	-
Number Per Teacher						
16mm. Films Owned		.39	0	0	.33	-
Filmstrips Owned		13.2	11.1	1.77	13.7	-
Free Films Used/year		.10	4.35	.57	4.73	-
Per Pupil Expenditure						
Audiovisual	$	2.60	3.00	4.25	-	-
Television		0	.21	0	.93	.71
Total	$	2.60	3.21	4.25	-	-

Teachers Load/Full Time	Plattsburgh	Pocantico Hills	Port Jefferson	Port Jefferson Station
Edcom Professional	149	15.4	550	225
Edcom Nonprofessional	-	-	-	-
Teachers Using Each				
16mm. Projector	12.4	5.66	10.6	67.5
Filmstrip-2x2 Projector	4.66	2.1	7.84	67.5
Overhead Projector	7.1	4.25	14.9	-
Audiotape Recorder	13.5	3.4	12.4	45
Television Receiver	30	3.4	13.5	-
Radio	21.3	17	74.5	-
Electronic Classroom	74.5	17	149	-
Record Player	2.57	1.06	3.72	-
Screen	3.4	1.7	3.04	-
Darkened Classroom	-	8.5	5	-
Microprojector	149	5.67	50	-
Opaque Projector	25	17	50	-
Number Per Teacher				
16mm. Films Owned	0	.94	.01	0
Filmstrips Owned	8.1	17.6	9.7	.37
Free Films Used/year	.33	1.47	.64	.74
Per Pupil Expenditure				
Audiovisual	$ .84	26.20	1.60	2.00
Television	0	0	.62	0
Total	$ .84	26.20	2.22	2.00

Teachers Load/Full Time	**Port Jervis**	**Pulaski**	**Purchase**	**Red Jacket**	**Richmondville**
Edcom Professional	396	250	65	540	580
Edcom Nonprofessional	-	-	-	2,700	-
Teachers Using Each					
16mm. Projector	14.8	10	6.5	6.75	14.5
Filmstrip-2x2 Projector	9.9	7.15	3.25	6.75	14.5
Overhead Projector	59.5	12.5	6.5	4.9	-
Audiotape Recorder	17	16.7	4.33	7.7	14.5
Television Receiver	23.8	50	3.25	27	29
Radio	39.6	50	6.5	27	29
Electronic Classroom	4.25	50	1.08	54	-
Record Player	4.25	1.67	-	1.42	-
Screen	5.4	4.17	1.08	1.35	14.5
Darkened Classroom	3.84	-	1.08	1.68	1.45
Microprojector	119	0	-	54	29
Opaque Projector	59.5	25	13	54	29
Number Per Teacher					
16mm. Films Owned	1.3	0	0	0	0
Filmstrips Owned	8.8	27	13.5	3.7	3.84
Free Films Used/year	.84	1	15.3	2.22	3.84
Per Pupil Expenditure					
Audiovisual	$ .50	2.43	12.50	1.05	1.50
Television	0	0	0	0	0
Total	$ .50	2.43	12.50	1.05	1.50

Teachers Load/Full Time		**Rockville Center**	**Rondout Valley**	**Royalton Hartland**	**Rye Neck**	**St. Johnsville**
Edcom Professional		176	906	610	346	-
Edcom Nonprofessional		418	-	-	-	-
Teachers Using Each						
16mm. Projector		9.75	15.1	14.5	2.08	17.6
Filmstrip-2x2 Projector		6.7	10.4	4.3	2.08	8.83
Overhead Projector		7.55	17	14.5	14.8	26.5
Audiotape Recorder		7.8	22.6	16.6	14.8	17.6
Television Receiver		14.6	-	-	34.6	26.5
Radio		21.3	19.4	1	34.6	-
Electronic Classroom		78	68	-	57	-
Record Player		3.04	9.06	4.84	11.5	13.2
Screen		1.32	1.89	1.61	5.2	8.83
Darkened Classroom		1.43	2.03	1.29	8.66	17.6
Microprojector		26	136	-	-	-
Opaque Projector		19.5	34	38.8	104	26.5
Number Per Teacher						
16mm. Films Owned		.98	0	.04	0	0
Filmstrips Owned		15.4	5.5	15.2	2.88	1.89
Free Films Used/year		.78	2.94	2.15	4.8	.57
Per Pupil Expenditure						
Audiovisual	$	4.06	1.92	.48	9.09	2.00
Television		0	0	0	0	0
Total	$	4.06	1.92	.48	9.09	2.00

Teachers Load/Full Time	**Salmon River**	**Sandy Creek**	**Sanitaria Springs**	**Saranac Lake**	**Saratoga Springs**
Edcom Professional	103	-	80	148	-
Edcom Nonprofessional	-	-	-	-	-
Teachers Using Each					
16mm. Projector	14.7	12.2	4	6.72	12.5
Filmstrip-2x2 Projector	5.7	9.8	4	5.28	6.8
Overhead Projector	14.7	24.5	-	24.6	10.2
Audiotape Recorder	17.2	16.3	4	9.25	13.6
Television Receiver	103	49	4	-	8.58
Radio	103	49	-	-	-
Electronic Classroom	103	49	-	74	82
Record Player	3.96	7	1	3.7	7.4
Screen	6.9	7	4	6.16	2.8
Darkened Classroom	1	-	1.33	1.94	3.7
Microprojector	103	0	-	74	40.7
Opaque Projector	52	49	-	37	54.2
Number Per Teacher					
16mm. Films Owned	0	0	0	.77	.04
Filmstrips Owned	9.7	7.65	1.25	0	8.2
Free Films Used/year	1.7	1.22	0	6.75	1.28
Per Pupil Expenditure					
Audiovisual $	2.74	.50	0	1.00	.61
Television	0	0	0	0	0
Total $	2.74	.50	0	1.00	.61

Teachers Load/Full Time		Saugerties	Scarsdale	Schalmont	Schenectady
Edcom Professional		1,690	188	1,140	450
Edcom Nonprofessional		169	134	-	226
Teachers Using Each					
16mm. Projector		13	3.96	9.3	7.9
Filmstrip-2x2 Projector		10.6	3.14	6.2	5.1
Overhead Projector		18.8	3.27	21.3	11.7
Audiotape Recorder		15.4	2.5	7.1	5.4
Television Receiver		33.8	9.7	7.85	3.86
Radio		18.8	20	74	6.15
Electronic Classroom		84.5	50	149	6.15
Record Player		5.45	1.97	2.2	1.34
Screen		2.82	1.32	7.45	3
Darkened Classroom		2.31	1.62	2.32	1.35
Microprojector		56	37.6	49.6	34
Opaque Projector		84	12	37.2	20
Number Per Teacher					
16mm. Films Owned		.01	.65	.62	1.47
Filmstrips Owned		4.2	4	15.6	9.9
Free Films Used/year		.3	0	-	.74
Per Pupil Expenditure					
Audiovisual	$	.71	6.86	1.77	2.42
Television		0	9.10	0	2.50
Total	$	.71	15.96	1.77	4.92

Teacher Load/Full Time	Schoharie	Schuylerville	Scotia-Glenville	Sea Cliff
Edcom Professional	210	487	404	-
Edcom Nonprofessional	-	-	-	-
Teachers Using Each:				
16mm. Projector	16.7	12.2	13.5	21
Filmstrip-2x2 Projector	12.6	18.3	7.2	8.4
Overhead Projector	31.5	12.2	40.4	10.5
Audiotape Recorder	63	24.3	7.2	15
Television Receiver	6.3	73	7.5	17.5
Radio	31.5	36.5	12.6	14
Electronic Classroom	-	73	67.3	-
Record Player	4.5	73	2.4	-
Screen	7.88	24.3	4.8	8.4
Darkened Classroom	6.3	18.3	4.03	21
Microprojector	-	-	28.9	35
Opaque Projector	31.5	36.5	25.3	42
Number Per Teacher				
16mm. Films Owned	0	0	.94	.07
Filmstrips Owned	4.76	1.37	2.15	4.76
Free Films Used/year	1.59	.34	4.95	.47
Per Pupil Expenditure				
Audiovisual $	-	1.50	1.53	2.98
Television	3.04	0	5.82	0
Total $	-	1.50	7.35	2.98

Teachers Load/Full Time		**Setauket**	**Sharon Springs**	**Shenendehowa**	**Sherburne**
Edcom Professional		1,370	1,350	-	700
Edcom Nonprofessional		6,850	-	-	1,500
Teachers Using Each					
16mm. Projector		68.5	27	15.3	5.84
Filmstrip-2x2 Projector		19.6	6.75	8.84	5.38
Overhead Projector		68.5	27	21	5.84
Audiotape Recorder		22.8	13.5	16.8	10
Television Receiver		137	27	11.2	35
Radio		137	27	-	70
Electronic Classroom		-	-	168	-
Record Player		11.4	-	3.36	-
Screen		22.8	2.7	4.2	1.75
Darkened Classroom		1.71	2.7	7.63	1.55
Microprojector		137	27	56	-
Opaque Projector		68.5	27	33.6	17.5
Number Per Teacher					
16mm. Films Owned		0	0	.06	.17
Filmstrips Owned		.95	74	4.42	14.3
Free Films Used/year		.22	.74	1.13	7.14
Per Pupil Expenditure					
Audiovisual	$	.70	-	-	1.49
Television		0	0	-	0
Total	$	.70	-	-	1.49

Teachers Load/Full Time		Sherrill	Shoreham	Sidney	South Colonie	South Glens Falls
Edcom Professional		-	300	-	4,190	258
Edcom Nonprofessional		-	-	-	-	-
Teachers Using Each						
16mm. Projector		10.2	7.5	8.56	9.3	10.1
Filmstrip-2x2 Projector		7.58	5	10.9	5.98	5.27
Overhead Projector		21.7	-	30	10.2	5.67
Audiotape Recorder		13.4	15	10.9	16.7	8.35
Television Receiver		-	-	-	17.4	142
Radio		58	7.5	60	11.6	47.3
Electronic Classroom		87	-	120	419	71
Record Player		4.14	2.5	8	3.52	2.9
Screen		8.7	3	6	3	1.46
Darkened Classroom		9.7	2.5	1	4.06	1.44
Microprojector		-	15	-	46.5	2.37
Opaque Projector		43.5	15	24	30	23.7
Number Per Teacher						
16mm. Films Owned		0	0	0	0	.16
Filmstrips Owned		6.36	10	12.5	5.83	11.9
Free Films Used/year		2.87	1.33	1.67	1.43	4.13
Per Pupil Expenditure						
Audiovisual	$	2.38	6.00	1.10	1.05	3.00
Television		0	0	0	0	0
Total	$	2.38	6.00	1.10	1.05	3.00

Teachers Load/Full Time	South Otselic	South New Berlin	Starpoint	Susquehanna
Edcom Professional	230	1,300	313	335
Edcom Nonprofessional	230	-	-	-
Teachers Using Each				
16mm. Projector	7.67	13	13.9	16.7
Filmstrip-2x2 Projector	5.76	6.5	8.33	8.9
Overhead Projector	5.76	13	20.8	11.1
Audiotape Recorder	4.6	8.67	17.8	22.3
Television Receiver	23	26	62.5	26.8
Radio	23	26	125	44.6
Electronic Classroom	-	-	125	-
Record Player	2.88	-	2.72	5.35
Screen	2.3	4.33	6.25	4.46
Darkened Classroom	1.92	13	1	6.7
Microprojector	11.5	26	125	33.5
Opaque Projector	23	26	31.2	33.5
Number Per Teacher				
16mm. Films Owned	0	0	0	0
Filmstrips Owned	65	3.84	1.6	5.96
Free Films Used/year	6.5	7.7	2	.37
Per Pupil Expenditure				
Audiovisual	$ 2.85	3.54	4.10	1.52
Television	0	0	0	0
Total	$ 2.85	3.54	4.10	1.52

Teachers Load/Full Time	Syracuse	Ticonderoga	Tioga	Troy	Trumansburg
Edcom Professional	1,110	650	600	221	365
Edcom Nonprofessional	1,337	-	-	226	-
Teachers Using Each					
16mm. Projector	13	6.5	10	8.5	10.4
Filmstrip-2x2 Projector	10.5	3.82	15	6.15	5.62
Overhead Projector	11.6	32.5	10	6.5	10.4
Audiotape Recorder	9.55	32.5	15	8.75	10.4
Television Receiver	9.2	32.5	15	27.6	24.3
Radio	14.7	13	15	13.8	24.3
Electronic Classroom	89.2	65	60	111	73
Record Player	4.34	-	8.55	3.22	2.51
Screen	4.34	5	5	4.2	4.05
Darkened Classroom	13.37	1	30	4.05	12.2
Microprojector	446	-	-	41.5	36.5
Opaque Projector	26.2	65	20	15.1	36.5
Number Per Teacher					
16mm. Films Owned	1.04	0	.03	1.19	0
Filmstrips Owned	1.57	21.6	1.6	5.91	5.48
Free Films Used/year	.07	.15	4.16	.12	0
Per Pupil Expenditure					
Audiovisual	$ .36	1.65	1.50	2.56	.84
Television	1.50	0	0	-	0
Total	$ 1.86	1.65	1.50	2.56	.84

Teachers Load/Full Time		**Tuckahoe**	**Valhalla**	**Victor Central**	**Voorheesville**
Edcom Professional		290	115	120	374
Edcom Nonprofessional		-	-	-	-
Teachers Using Each					
16mm. Projector		7.25	10.2	16	18.7
Filmstrip-2x2 Projector		4.46	1.02	8.73	8
Overhead Projector		11.6	15.2	5.63	28
Audiotape Recorder		5.26	24.4	19.2	14
Television Receiver		11.6	12.2	32	56
Radio		29	24.4	-	28
Electronic Classroom		58	-	96	-
Record Player		2.32	2.44	6.85	-
Screen		3.22	3.4	2.4	4.67
Darkened Classroom		1.7	12.2	1.6	1.86
Microprojector		29	61	96	28
Opaque Projector		19.3	24.4	32	28
Number Per Teacher					
16mm. Films Owned		0	0	0	0
Filmstrips Owned		20.8	3.93	5.2	14.6
Free Films Used/year		2.16	6.56	2.6	.89
Per Pupil Expenditure					
Audiovisual	$	5.35	2.15	2.80	1.48
Television		1.59	0	.11	0
Total	$	6.94	2.15	2.91	1.48

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Teachers Load/Full Time		Wantagh	Wappingers Falls	Waterloo	Waterville
Edcom Professional		210	372	233	446
Edcom Nonprofessional		-	-	-	1,340
Teachers Using Each					
16mm. Projector		10.1	13.3	8.7	8.36
Filmstrip-2x2 Projector		6.5	13.3	5.8	13.4
Overhead Projector		8.3	3.88	7	22.3
Audiotape Recorder		10.3	15.5	11.7	16.7
Television Receiver		21	46.5	35	-
Radio		45.5	46.5	26.2	33.5
Electronic Classroom		273	155	52.5	67
Record Player		27.3	-	-	3.35
Screen		1.52	2.32	1	2.91
Darkened Classroom		1.52	1	1	2.91
Microprojector		91	155	-	33.5
Opaque Projector		45.5	46.5	52.5	67
Number Per Teacher					
16mm. Films Owned		0	.43	0	0
Filmstrips Owned		15.4	1.07	7.63	10.2
Free Films Used/year		2.27	.54	5.7	.72
Per Pupil Expenditure					
Audiovisual	$	3.14	3.53	2.67	2.00
Television		.38	0	0	0
Total	$	3.52	3.53	2.67	2.00

Teachers Load/Full Time		Wayne	West Islip	Westmoreland	Wheatland-Chili
Edcom Professional		1,130	1,420	-	945
Edcom Nonprofessional		-	-	-	425
Teachers Using Each					
16mm. Projector		9.6	22.2	10.3	14.2
Filmstrip-2x2 Projector		7.8	10.2	5.53	14.2
Overhead Projector		3.56	35.6	24	12.1
Audiotape Recorder		13.9	39.6	6.55	17
Television Receiver		4.8	118	72	28.3
Radio		7.35	1.04	36	21.2
Electronic Classroom		125	118	72	-
Record Player		3.38	-	3.6	7.1
Screen		1.84	8.9	6.55	8.5
Darkened Classroom		1.69	1.06	1.47	3.54
Microprojector		41.6	71.2	36	-
Opaque Projector		62.5	44.5	24	85
Number Per Teacher					
16mm. Films Owned		0	0	0	0
Filmstrips Owned		6.4	4.78	8.02	17.1
Free Films Used/year		1.88	5.62	.83	.59
Per Pupil Expenditure					
Audiovisual	$	5.30	.97	.45	2.25
Television		.49	0	0	.23
Total	$	5.79	.97	.45	2.48

Teachers Load/Full Time		Whitehall	White Plains	Williamsville	Wilson
Edcom Professional		240	244	167	525
Edcom Nonprofessional		-	196	98	-
Teachers Using Each					
16mm. Projector		20	7	8	17.5
Filmstrip-2x2 Projector		7.5	4.84	4.76	6.56
Overhead Projector		15	6.62	4.42	15
Audiotape Recorder		12	5.82	8.18	15
Television Receiver		-	3.5	12.5	52.5
Radio		60	32.6	37.6	11.6
Electronic Classroom		60	-	62.7	105
Record Player		6.67	1.92	2.76	5.8
Screen		6	1.38	1.44	5
Darkened Classroom		2.5	1.42	1.54	1.31
Microprojector		60	22.2	41.8	52.5
Opaque Projector		30	23.2	22.1	26.2
Number Per Teacher					
16mm. Films Owned		0	2.14	.27	0
Filmstrips Owned		10.4	15.9	10.6	13.7
Free Films Used/year		.58	2.86	1.06	1.67
Per Pupil Expenditure					
Audiovisual	$	2.00	3.35	2.14	1.93
Television		0	0	6.26	0
Total	$	2.00	3.35	8.40	1.93

Teachers Load/Full Time		**Woodmere**	**Yonkers**
Edcom Professional		103	1,196
Edcom Nonprofessional		-	-
Teachers Using Each			
16mm. Projector		14.8	14.1
Filmstrip-2x2 Projector		8.65	10.8
Overhead Projector		12	29.2
Audiotape Recorder		14.8	13.1
Television Receiver		34.5	6.48
Radio		311	24.4
Electronic Classroom		104	26.6
Record Player		3	5.64
Screen		2.08	7.4
Darkened Classroom		1.58	2.14
Microprojector		62.3	50
Opaque Projector		62.3	35
Number Per Teacher			
16mm. Films Owned		.10	0
Filmstrips Owned		3.71	4.75
Free Films Used/year		.95	1.63
Per Pupil Expenditure			
Audiovisual	$	3.33	.71
Television		0	1.05
Total	$	3.33	1.79

PERCENTILE RANKING OF SCHOOL DISTRICTS

OVERALL EDUCATIONAL COMMUNICATIONS PROGRAMS,
STAFF, MATERIALS AND EQUIPMENT

	Afton	Alice Palmer	Altmart Parish	Altona	Amsterdam	Ardsley	Bainbridge-Guilford	Baldwinsville	Ballston Spa	Barker	Batavia	Bath
Overall Edcom Program	18	91	10	80	33	36	4	27	71	30	36	36
Professional Edcom Staff	38	72	29	98	52	38	13	61	84	52	21	42
Nonteaching Edcom Staff	35	35	35	35	84	35	35	35	95	72	90	35
16mm. Projectors	3	77	34	40	40	7	10	14	71	34	12	16
Filmstrips and 2x2 Projectors	13	95	61	85	22	6	11	28	80	84	43	92
Overhead Projectors	18	82	42	84	25	33	26	13	78	52	64	44
Audiotape Recorders	42	59	7	86	57	26	5	21	0	62	56	44
Television Receivers	95	85	8	8	56	78	54	24	22	8	56	22
Record Players	7	79	23	92	26	51	7	47	7	23	18	64
Screens	13	82	26	95	16	11	15	73	78	73	52	45
Darkened Classrooms	9	46	23	84	37	92	15	66	56	57	7	5
Opaque Projectors	15	23	74	66	58	15	29	53	89	6	82	44
Filmstrips Owned	35	93	39	2	33	30	8	76	43	17	38	71
Television Expenditure	92	83	35	35	35	91	35	35	35	35	35	35
Edcom Expenditure	85	82	4	-	46	92	18	20	83	0	33	47

	Bayport Blue Point	Bellport	Berne Knox	Bethlehem	Binghamton	Bloomfield	Brentwood	Brighton	Brockport	Bronxville	Brookfield	Brushton
Overall Edcom Program	89	83	8	80	15	74	88	80	77	97	36	22
Professional Edcom Staff	55	83	28	5	31	93	76	24	88	96	18	39
Nonteaching Edcom Staff	35	35	78	35	80	35	92	94	81	94	35	35
16mm. Projectors	77	32	28	26	19	36	78	90	37	96	54	68
Filmstrips and 2x2 Projectors	97	68	0	91	25	96	61	48	48	91	65	45
Overhead Projectors	85	65	14	75	21	81	7	69	92	96	55	48
Audiotape Recorders	50	58	2	80	34	83	86	88	59	98	79	42
Television Receivers	82	60	27	80	36	8	44	62	42	35	58	8
Record Players	74	79	7	24	51	92	94	81	53	97	16	46
Screens	86	95	6	84	12	19	76	78	86	90	49	53
Darkened Classrooms	41	92	70	70	6	76	99	68	61	92	37	26
Opaque Projectors	6	46	57	78	18	59	85	35	43	84	0	15
Filmstrips Owned	93	61	28	83	7	88	78	24	56	51	65	43
Television Expenditure	94	35	35	82	84	35	35	35	35	35	35	35
Edcom Expenditure	89	71	15	49	43	40	45	75	67	87	40	13

	Buffalo	Byram Hills	Camden	Canajoharie	Canastota	Catskill	Champlain	Chateaugay	Chatham	Chazy	Chadwick	Chenango Forks
Overall Edcom Program	24	68	87	65	52	3	7	1	48	74	61	27
Professional Edcom Staff	14	77	89	39	50	27	42	5	37	24	42	54
Nonteaching Edcom Staff	35	35	35	77	76	35	35	35	79	35	35	35
16mm. Projectors	43	71	43	25	60	9	25	5	40	47	87	15
Filmstrips and 2x2 Projectors	54	25	58	69	17	28	15	6	26	96	38	14
Overhead Projectors	24	81	86	9	68	8	38	22	17	29	55	75
Audiotape Recorders	33	79	96	42	54	4	51	2	39	94	48	5
Television Receivers	66	8	66	82	49	8	34	8	86	62	58	31
Record Players	25	94	90	39	22	16	19	7	41	76	53	21
Screens	36	68	65	9	76	3	7	2	17	50	28	17
Darkened Classrooms	28	35	92	76	44	57	2	33	27	85	32	48
Opaque Projectors	82	31	25	33	91	27	23	0	41	36	76	43
Filmstrips Owned	2	87	2	85	9	2	16	33	54	94	2	55
Television Expenditure	78	35	93	94	35	35	35	35	88	35	95	35
Edcom Expenditure	11	78	85	94	28	11	40	27	65	73	90	47

	Chenango Valley	Churchville Chile	Clarence	Clifton Springs	Cobleskill	Colton	Connetquot	Coxsackie	Cranesville	Dannemora	Dansville	Delaware
Overall Edcom Program	63	48	63	86	44	86	6	19	43	34	82	49
Professional Edcom Staff	52	55	24	91	62	53	5	5	88	73	82	56
Nonteaching Edcom Staff	35	35	73	35	35	35	35	35	35	90	35	86
16mm. Projectors	34	16	79	50	22	53	14	50	92	57	50	6
Filmstrips and 2x2 Projectors	45	28	91	59	84	98	4	43	47	16	32	26
Overhead Projectors	34	86	52	94	61	97	17	68	2	58	79	68
Audiotape Recorders	38	36	12	88	45	83	5	32	0	9	68	52
Television Receivers	93	26	47	69	32	93	54	39	90	8	73	86
Record Players	76	74	53	72	7	88	95	38	99	44	74	34
Screens	78	67	67	16	32	84	22	52	19	38	60	45
Darkened Classrooms	2	59	66	92	50	12	24	2	92	54	47	6
Opaque Projectors	63	23	58	55	48	40	5	72	0	81	55	46
Filmstrips Owned	38	55	77	67	82	97	19	14	2	36	78	64
Television Expenditure	90	35	35	72	35	35	-	35	35	35	70	76
Edcom Expenditure	79	58	24	35	40	44	23	22	31	0	72	10

	Depew	Deposit	De Witt	Dobbs Ferry	Downsville	Dryden	East Aurora	East Greenbush	East Meadow	East Rochester	East Rockaway	East Williston
Overall Edcom Program	49	74	96	34	98	37	86	28	40	84	60	93
Professional Edcom Staff	86	17	82	57	94	5	84	22	35	46	46	90
Nonteaching Edcom Staff	35	98	93	35	35	35	73	35	35	35	76	97
16mm. Projectors	55	45	63	20	45	50	73	19	43	87	17	73
Filmstrips and 2x2 Projectors	38	78	94	52	95	97	70	23	47	45	7	88
Overhead Projectors	32	6	97	2	74	99	86	42	26	95	26	82
Audiotape Recorders	31	42	93	77	92	89	81	29	41	32	76	93
Television Receivers	42	92	67	44	96	8	51	86	80	54	75	66
Record Players	32	7	30	38	94	68	69	32	84	83	79	7
Screens	28	37	94	54	94	44	87	24	63	76	66	85
Darkened Classrooms	71	92	78	10	83	20	62	59	13	82	47	71
Opaque Projectors	43	84	50	17	97	48	13	61	19	69	3	64
Filmstrips Owned	66	96	85	92	93	7	41	13	81	57	60	90
Television Expenditure	35	78	87	35	80	35	35	35	35	72	82	35
Edcom Expenditure	65	68	95	64	99	0	80	82	17	56	71	86

	Edgemont	Eldred	Ellenburg	Elmsford	Fairport	Fallsburg	Farmingdale	Fonda	Fort Johnson	Fort Plain	Frankfort	Fredonia
Overall Edcom Program	60	53	20	58	29	39	90	47	55	7	32	85
Professional Edcom Staff	62	28	78	75	76	47	31	73	91	16	26	63
Nonteaching Edcom Staff	35	82	35	35	35	35	85	96	35	35	35	91
16mm. Projectors	58	57	22	76	19	72	94	45	95	6	49	74
Filmstrips and 2x2 Projectors	27	16	25	27	28	62	92	18	59	50	40	67
Overhead Projectors	44	58	66	51	46	37	84	77	2	45	59	92
Audiotape Recorders	64	52	22	59	21	66	81	56	88	37	71	92
Television Receivers	63	60	8	70	68	38	52	75	8	8	8	23
Record Players	57	7	44	37	31	7	81	7	7	24	15	87
Screens	46	81	9	58	14	61	91	23	62	7	56	58
Darkened Classrooms	45	61	56	44	76	43	77	5	29	2	38	18
Opaque Projectors	81	81	19	72	7	97	5	69	0	46	47	53
Filmstrips Owned	54	55	70	29	27	2	63	63	96	37	18	72
Television Expenditure	35	35	35	35	76	35	73	35	35	35	35	35
Edcom Expenditure	67	8	21	50	44	10	59	15	89	19	83	70

	Fulton	Galway	Germantown	Gloversville	Glen Cove	Gouverneur	Gray	Great Neck	Greenburg	Greene	Green Island	Groton
Overall Edcom Program	67	23	6	54	93	72	11	100	84	79	18	54
Professional Edcom Staff	37	68	95	51	59	61	5	95	45	80	92	54
Nonteaching Edcom Staff	35	88	35	35	76	35	35	99	74	35	35	81
16mm. Projectors	56	4	5	86	84	34	0	97	38	68	4	56
Filmstrips and 2x2 Projectors	67	35	2	64	52	74	88	85	81	75	39	72
Overhead Projectors	62	21	2	38	76	75	2	91	67	65	55	79
Audiotape Recorders	29	6	26	72	71	24	0	95	90	70	7	24
Television Receivers	79	56	34	8	76	54	8	95	58	80	8	36
Record Players	48	7	7	76	81	61	7	96	64	72	26	26
Screens	87	3	3	73	97	71	98	96	82	41	6	22
Darkened Classrooms	46	33	2	2	92	32	92	85	52	57	98	82
Opaque Projectors	80	72	23	55	93	88	0	76	92	91	76	66
Filmstrips Owned	25	85	40	53	69	69	41	90	52	32	23	22
Television Expenditure	75	35	35	35	35	74	35	93	35	35	35	35
Edcom Expenditure	60	7	40	33	80	77	27	87	61	63	0	32

	Guilderland	Hageman	Half Hollow Hills	Hancock	Harpursville	Hartsdale	Hastings On Hudson	Hauppauge	Haverstraw	Hawthorne Knolls	Hempstead	Herkimer
Overall Edcom Program	45	76	42	30	73	81	71	14	61	73	95	56
Professional Edcom Staff	60	81	5	96	85	72	98	12	32	79	67	12
Nonteaching Edcom Staff	35	35	35	35	35	35	35	35	35	35	96	72
16mm.Projectors	26	92	54	2	80	65	70	10	48	90	57	55
Filmstrips and 2x2 Projectors	62	47	79	21	40	32	62	13	77	42	85	77
Overhead Projectors	42	2	10	63	99	47	76	11	55	2	44	27
Audiotape Recorders	75	83	82	44	98	97	63	12	22	91	61	50
Television Receivers	72	90	19	68	69	74	71	19	63	88	91	48
Record Players	63	61	88	20	89	92	46	89	58	27	92	66
Screens	32	19	59	5	8	42	56	13	55	60	89	46
Darkened Classrooms	86	92	62	23	8	16	2	73	92	48	70	42
Opaque Projectors	26	0	51	9	86	94	86	28	88	98	76	32
Filmstrips Owned	17	80	2	72	3	97	51	49	57	47	87	73
Television Expenditure	35	85	35	79	79	35	35	35	35	35	81	35
Edcom Expenditure	14	81	48	37	57	73	77	53	36	93	84	64

	Hicksville	Holley	Honeoye Falls	Hoosick Falls	Hornell	Hudson Falls	Hunt Memorial	Huntington	Ilion	Interlaken	Irvington	Island Trees
Overall Edcom Program	48	54	79	19	59	22	89	78	12	66	50	25
Professional Edcom Staff	76	93	48	59	47	5	5	55	27	48	5	30
Nonteaching Edcom Staff	35	35	78	35	35	35	35	88	35	35	35	80
16mm. Projectors	60	66	25	30	78	4	98	83	23	88	47	28
Filmstrips and 2x2 Projectors	27	28	56	58	68	50	98	87	19	87	57	38
Overhead Projectors	45	52	85	30	64	16	97	70	36	94	73	33
Audiotape Recorders	78	15	56	14	69	37	92	73	10	90	44	51
Television Receivers	29	57	75	8	8	50	8	52	45	8	76	36
Record Players	62	25	64	7	42	78	39	70	7	17	87	63
Screens	35	26	83	41	56	29	99	88	8	78	50	28
Darkened Classrooms	17	39	54	92	26	18	98	64	92	21	2	41
Opaque Projectors	40	75	33	38	89	91	99	4	84	97	70	20
Filmstrips Owned	65	39	44	46	73	65	70	27	4	41	84	48
Television Expenditure	35	75	76	35	35	35	35	35	35	35	35	35
Edcom Expenditure	55	57	90	13	40	5	93	63	21	40	0	13

	Islip	Ithaca	Kendall	Kingston	Lackawanna	Lakeside	Lancaster	Lansing	Lansingburg	Lawrence	Lewiston Porter	Liberty
Overall Edcom Program	88	94	28	70	48	81	51	72	69	90	65	84
Professional Edcom Staff	43	45	35	39	65	99	28	54	66	50	70	39
Nonteaching Edcom Staff	91	95	35	35	87	35	35	79	35	84	35	35
16mm. Projectors	50	84	60	94	58	77	84	80	68	88	89	76
Filmstrips and 2x2 Projectors	73	48	17	23	19	82	34	77	34	59	62	89
Overhead Projectors	34	89	89	82	15	93	72	98	28	69	53	48
Audiotape Recorders	45	94	54	47	28	70	66	64	32	85	87	84
Television Receivers	94	81	28	18	58	84	33	8	88	82	46	43
Record Players	95	85	94	59	30	72	39	72	45	56	52	42
Screens	80	83	52	97	36	37	26	73	26	71	27	97
Darkened Classrooms	66	54	9	84	2	92	80	35	92	29	60	92
Opaque Projectors	38	85	12	92	89	0	49	42	66	67	9	46
Filmstrips Owned	43	28	32	21	34	65	50	41	35	48	45	86
Television Expenditure	96	86	35	35	86	94	35	35	97	91	69	35
Edcom Expenditure	95	93	15	86	51	96	37	74	94	92	70	74

	Lindenhurst	Little Falls	Liverpool	Locust Valley	Long Beach	Lyndonville	Lyon Mountain	Maine Endwell	Malone	Mamaroneck	Manlius	Maplewood
Overall Edcom Program	25	52	78	68	62	14	21	88	21	99	75	16
Professional Edcom Staff	18	58	44	85	56	25	97	83	30	66	26	89
Nonteaching Edcom Staff	86	74	82	35	35	78	35	35	35	84	35	35
16mm. Projectors	11	77	24	61	21	60	8	83	88	98	39	39
Filmstrips and 2x2 Projectors	14	75	45	82	92	2	19	57	43	94	65	11
Overhead Projectors	56	22	55	60	67	16	62	90	32	92	43	2
Audiotape Recorders	48	63	69	84	67	54	10	74	48	97	74	86
Television Receivers	37	24	87	38	84	49	8	84	8	94	79	73
Record Players	52	54	56	68	74	34	7	55	41	93	42	32
Screens	59	74	54	53	64	4	43	64	33	80	69	40
Darkened Classrooms	58	52	71	34	8	44	31	84	30	76	73	28
Opaque Projectors	10	23	30	55	18	12	84	54	62	74	73	0
Filmstrips Owned	5	17	83	68	77	13	6	61	2	74	64	15
Television Expenditure	35	35	84	35	35	35	35	77	35	98	89	35
Edcom Expenditure	54	21	78	47	55	24	72	45	23	98	76	7

	Mastic	Mechanicville	Medina	Menands	Middleburg	Mineola	Mohonasen	Montgomery	Mooers	Mt. Pleasant	Mt. Upton	Mount Vernon
Overall Edcom Program	31	33	5	76	83	90	40	2	11	66	64	35
Professional Edcom Staff	70	22	57	98	33	90	5	13	88	11	5	49
Nonteaching Edcom Staff	35	35	35	35	35	96	35	35	92	35	35	35
16mm. Projectors	63	61	34	85	28	69	38	1	9	75	97	53
Filmstrips and 2x2 Projectors	14	54	12	69	93	54	55	2	36	27	42	42
Overhead Projectors	32	70	29	35	66	56	57	7	46	43	58	34
Audiotape Recorders	13	56	9	78	29	48	19	1	12	68	95	65
Television Receivers	26	8	35	66	96	99	77	8	8	91	8	61
Record Players	21	49	28	7	7	68	63	15	7	67	97	43
Screens	34	72	4	48	97	92	39	2	5	75	38	29
Darkened Classrooms	51	20	2	79	92	78	17	92	19	77	54	45
Opaque Projectors	78	19	25	95	57	28	26	2	27	36	98	61
Filmstrips Owned	30	62	10	97	91	6	94	5	16	23	55	49
Television Expenditure	35	35	35	35	92	99	35	35	35	85	35	35
Edcom Expenditure	75	31	30	23	65	97	54	22	40	67	40	0

	Narrowsburg	Newark Valley	New Berlin	Newburgh	Newfield	New Hartford	New York City	New York Mills	Niagara Falls	Niagara Wheatfield	Niskayuna	North Syracuse
Overall Edcom Program	51	70	15	82	42	17	16	32	53	2	87	16
Professional Edcom Staff	21	26	39	64	63	78	12	65	23	36	22	34
Nonteaching Edcom Staff	35	35	35	82	35	71	35	93	85	35	88	35
16mm. Projectors	63	70	17	47	85	26	53	15	54	3	17	20
Filmstrips and 2x2 Projectors	87	67	34	71	36	8	37	73	63	1	79	72
Overhead Projectors	90	41	48	47	74	70	18	78	8	5	72	25
Audiotape Recorders	58	65	63	54	78	14	46	40	23	3	63	52
Television Receivers	8	70	8	39	8	8	64	31	72	18	89	83
Record Players	7	83	33	51	49	41	55	33	61	17	77	35
Screens	54	48	23	52	14	48	8	42	18	0	59	6
Darkened Classrooms	41	14	12	38	2	2	14	6	34	2	92	13
Opaque Projectors	84	57	15	66	27	31	19	67	79	2	52	50
Filmstrips Owned	56	76	89	71	26	37	53	2	14	81	44	27
Television Expenditure	35	87	35	99	35	35	-	35	84	35	88	35
Edcom Expenditure	28	84	15	98	97	28	-	-	58	11	79	0

	Norwich	Norwood Norfolk	Ocean Beach	Odessa	Ogdensburg	Onteora	Oriskany Falls	Oswego	Ovid	Owego	Oxford	Oyster Bay
Overall Edcom Program	58	41	81	44	43	70	67	12	58	56	44	80
Professional Edcom Staff	5	87	5	71	85	79	34	77	65	42	74	63
Nonteaching Edcom Staff	35	35	35	35	35	35	35	35	35	35	35	97
16mm. Projectors	36	43	99	89	62	45	81	48	65	28	11	57
Filmstrips and 2x2 Projectors	99	89	98	56	27	81	32	23	65	60	74	93
Overhead Projectors	57	36	2	28	61	81	88	28	71	19	37	73
Audiotape Recorders	75	52	99	56	14	72	73	11	61	39	54	67
Television Receivers	28	37	99	25	55	34	65	8	31	89	24	66
Record Players	96	69	7	58	66	74	46	37	57	61	70	49
Screens	79	32	99	21	68	69	42	19	81	66	30	76
Darkened Classrooms	2	83	99	22	18	30	25	22	25	42	38	54
Opaque Projectors	60	67	99	33	35	40	94	17	14	37	32	46
Filmstrips Owned	95	73	98	44	26	51	95	33	58	51	91	15
Television Expenditure	35	35	35	35	70	35	35	35	35	80	35	35
Edcom Expenditure	20	36	0	60	8	83	52	48	61	56	30	77

	Penfield	Peru	Phelps	Phoenix	Plainedge	Plattsburgh	Pocantico Hills	Port Jefferson	Port Jefferson Station	Port Jervis	Pulaski	Purchase
Overall Edcom Program	94	45	64	50	78	57	97	50	1	9	56	96
Professional Edcom Staff	75	16	18	87	80	86	99	34	72	46	66	97
Nonteaching Edcom Staff	98	35	35	35	87	35	35	35	35	35	35	35
16mm. Projectors	82	30	14	53	32	46	96	62	1	26	68	95
Filmstrips and 2x2 Projectors	84	55	81	77	54	80	97	37	1	24	40	94
Overhead Projectors	73	35	98	31	9	79	94	39	2	6	48	84
Audiotape Recorders	73	16	34	46	41	36	93	44	2	17	19	96
Television Receivers	62	38	42	21	98	46	98	72	8	57	32	98
Record Players	86	88	37	61	48	82	98	54	7	46	96	7
Screens	94	57	78	48	70	55	86	61	0	31	44	96
Darkened Classrooms	81	65	48	41	92	2	25	31	2	36	2	86
Opaque Projectors	59	48	76	40	29	69	94	15	0	10	69	96
Filmstrips Owned	10	74	67	12	76	47	88	57	4	53	95	75
Television Expenditure	89	35	71	35	81	35	35	77	35	35	35	35
Edcom Expenditure	85	53	63	76	-	12	99	46	40	7	50	95

	Red Jacket	Richmondville	Rockville Center	Rondout Valley	Royalton Hartland	Rye Neck	St. Johnsville	Salmon River	Sandy Creek	Sanitaria Springs	Saranac Lake	Saratoga Springs
Overall Edcom Program	69	8	92	14	39	9	6	41	4	66	37	26
Professional Edcom Staff	36	33	81	25	32	53	5	94	5	96	86	5
Nonteaching Edcom Staff	74	35	83	35	35	35	35	35	35	35	35	35
16mm. Projectors	93	31	70	24	31	8	13	28	48	98	93	45
Filmstrips and 2x2 Projectors	49	7	50	21	85	3	30	65	24	88	71	48
Overhead Projectors	91	2	77	32	41	40	26	40	19	2	18	64
Audiotape Recorders	79	31	78	8	20	28	16	16	22	96	68	35
Television Receivers	49	46	70	8	8	41	52	23	32	96	8	85
Record Players	98	7	70	22	41	18	18	50	28	99	56	27
Screens	92	4	93	83	88	31	10	21	19	48	24	66
Darkened Classrooms	64	73	74	56	81	24	11	92	2	79	58	38
Opaque Projectors	12	58	88	43	30	3	63	14	17	0	36	11
Filmstrips Owned	18	20	82	31	81	15	12	57	42	8	2	47
Television Expenditure	35	35	35	35	35	35	35	35	35	35	35	35
Edcom Expenditure	17	26	74	35	5	91	40	55	7	0	15	7

	Saugerties	Scarsdale	Schalmont	Schenectady	Schoharie	Schuylerville	Scotia-Glenville	Sea Cliff	Setauket	Sharon Springs	Shenendehowa	Sherburne
Overall Edcom Program	16	98	57	95	17	5	59	8	3	22	13	76
Professional Edcom Staff	14	78	19	42	74	41	44	5	15	15	5	29
Nonteaching Edcom Staff	94	97	35	89	35	35	35	35	72	35	35	75
16mm Projectors	40	99	74	86	17	48	37	8	0	2	23	96
Filmstrips and 2x2 Projectors	18	94	57	73	12	4	43	33	3	49	29	68
Overhead Projectors	27	98	24	53	12	49	8	62	6	16	24	87
Audiotape Recorders	24	99	82	90	1	6	82	26	8	36	18	63
Television Receivers	43	81	87	97	92	25	88	64	21	49	78	40
Record Players	36	90	87	98	43	14	86	7	19	7	65	7
Screens	66	93	16	62	14	1	35	12	1	67	43	85
Darkened Classrooms	51	65	50	78	28	11	7	10	63	46	26	68
Opaque Projectors	4	98	35	86	51	38	68	26	6	62	44	93
Filmstrips Owned	22	21	84	59	25	9	13	25	6	99	23	80
Television Expenditure	35	97	35	90	93	35	95	35	35	35	35	35
Edcom Expenditure	9	96	33	81	0	26	88	62	9	0	0	25

	Sherrill	Shoreham	Sidney	South Colonie	South Glens Falls	South Otselic	South New Berlin	Starpoint	Susquehanna	Syracuse	Ticonderoga	Tioga
Overall Edcom Program	10	64	26	40	86	92	28	34	17	46	38	23
Professional Edcom Staff	5	58	5	11	64	69	16	58	56	20	32	33
Nonteaching Edcom Staff	35	35	35	35	35	89	35	35	35	76	35	35
16mm. Projectors	65	89	80	74	66	87	40	36	17	40	95	68
Filmstrips and 2x2 Projectors	39	75	16	60	71	64	52	34	28	19	89	6
Overhead Projectors	23	2	13	64	88	87	46	24	57	54	12	65
Audiotape Recorders	37	26	53	19	76	94	72	15	8	66	4	26
Television Receivers	8	8	8	64	20	58	54	27	51	83	44	69
Record Players	47	83	25	59	74	76	7	78	36	44	7	23
Screens	11	62	25	62	89	73	40	23	38	39	34	34
Darkened Classrooms	19	48	92	34	74	58	15	92	27	14	92	8
Opaque Projectors	24	96	72	55	74	76	66	52	45	64	8	86
Filmstrips Owned	36	61	70	34	67	98	20	11	35	11	92	11
Television Expenditure	35	35	35	35	35	35	35	35	35	86	35	35
Edcom Expenditure	49	87	18	17	63	58	69	75	27	34	29	26

	Troy	Trumansburg	Tuckahoe	Valhalla	Victor Central	Voorheesville	Wantagh	Wappingers Falls	Waterloo	Waterville	Wayne	West Islip
Overall Edcom Program	78	46	94	60	55	20	75	37	62	30	68	4
Professional Edcom Staff	72	50	60	92	91	48	74	49	69	44	19	14
Nonteaching Edcom Staff	86	35	35	35	35	35	35	35	35	75	35	35
16mm. Projectors	81	64	91	65	22	12	66	55	79	82	71	6
Filmstrips and 2x2 Projectors	57	66	83	99	31	36	57	10	64	9	38	22
Overhead Projectors	84	62	54	37	88	15	72	95	81	22	96	11
Audiotape Recorders	71	59	91	6	14	33	60	24	46	19	34	3
Television Receivers	48	55	77	76	45	28	61	33	40	8	94	22
Record Players	67	82	86	84	29	7	16	7	7	66	65	7
Screens	43	46	57	55	69	36	88	72	97	64	84	10
Darkened Classrooms	35	16	63	16	66	60	69	92	92	44	64	86
Opaque Projectors	95	38	89	70	48	59	21	21	13	7	8	24
Filmstrips Owned	35	31	91	21	29	80	82	7	42	61	37	25
Television Expenditure	35	35	86	35	69	35	73	35	35	35	74	35
Edcom Expenditure	52	12	88	45	60	25	68	69	54	40	85	14

	Westmoreland	Wheatland-Chili	Whitehall	White Plains	Williamsville	Wilson	Woodmere	Yonkers
Overall Edcom Program	38	26	24	96	98	32	46	24
Professional Edcom Staff	5	23	68	67	82	36	94	17
Nonteaching Edcom Staff	35	83	35	92	99	35	35	35
16mm. Projectors	64	34	9	92	85	13	26	35
Filmstrips and 2x2 Projectors	66	8	40	78	78	51	31	17
Overhead Projectors	20	50	38	83	93	38	51	14
Audiotape Recorders	85	17	45	88	76	26	28	38
Television Receivers	26	47	8	97	75	29	42	92
Record Players	58	28	31	91	77	34	72	35
Screens	22	12	25	91	90	34	80	17
Darkened Classrooms	72	39	48	75	68	80	68	55
Opaque Projectors	72	4	55	75	80	64	8	40
Filmstrips Owned	45	87	62	85	63	76	19	24
Television Expenditure	35	71	35	35	96	35	35	83
Edcom Expenditure	5	51	40	66	91	35	66	32

Quantitative Audiovisual Standards

TO: Audiovisual Directors Date: August 18, 1966

FROM: Division of Educational Communications

SUBJECT: Quantitative Audiovisual Standards

The Division has been aware of the need for audiovisual guidelines. Many studies have been undertaken resulting in proposed standards. The most recent, most complete, and most appropriate have been done by Gene Faris and Mendel Sherman, under the auspices of the United States Office of Education. These standards have been studied by the Association of Chief State School AV Officers, the Department of Audiovisual Instruction - NEA, and various State Education Department personnel.

Many factors are involved in determining standards in any field. It should be noted that the attached standards are divided into two categories: basic and advanced providing guidelines for AV personnel, materials and equipment. Because of the rapid changes in curriculum, building design and technology, any set of standards necessarily must be reviewed, reevaluated and rewritten from time to time; such is our intent. The attached Quantitative Standards for Audiovisual Personnel, Equipment and Materials will be revised as the need becomes apparent.

After close examination, the Division of Educational Communications of the New York State Education Department has adopted these standards which will provide the basis for the evaluation of audiovisual programs. We suggest that local school units apply these standards in order to determine the relative success of their programs.

Lee E. Campion, Director

QUANTITATIVE STANDARDS FOR AUDIOVISUAL PERSONNEL, EQUIPMENT AND MATERIALS

(In Elementary, Secondary, and Higher Education)

Developed by Dr. Gene Faris and Dr. Mendel Sherman, Audiovisual Center, Indiana University, as part of a study conducted under the auspices of the United States Office of Education, National Defense Education Act, Title VII, Part B program.

Adopted By

The Department of Audiovisual Instruction, NEA, at the Board of Directors Meeting in Washington, D. C., on October 30, 1965

and

The Association of Chief State School Audiovisual Officers at the Executive Board Meeting in Chicago on December 14, 1965.

Division of Educational Communications
University of the State of New York
State Education Department
Washington Avenue
Albany, New York 12224

PERSONNEL GUIDELINES (ELEMENTARY AND SECONDARY EDUCATION)

In schools with 15 teachers or less -- ½ time audiovisual specialist

In schools with 16 to 30 teachers -- 1 full time audiovisual specialist

Add one audiovisual specialist for each additional 40 teachers or major fraction thereof.

One, or the equivalent, semi professional assistant (technician, graphic artist, clerk, photographer, etc.) for each 30 teachers.

In schools where audiovisual and library responsibilities are combined, (the instructional materials concept), the amount of staff required will be determined by adding the above audiovisual requirements to the personnel standards for libraries set by the American Library Association. The first specialist hired should be an instructional materials specialist with training in both audiovisual instruction and librarianship.

Every multiple unit school district with at least one high school and four elementary schools shall employ a district or system audiovisual specialist.

MATERIALS GUIDELINES (ELEMENTARY AND SECONDARY)

	BASIC	ADVANCED
16mm. films	The films are to be owned by the school system, unit, district, cooperative, etc., and readily available to the schools involved.	
	500 titles plus one additional film per each teaching station over 500 - with duplicates as needed	1000 titles plus one additional film per each teaching station over 1000 - with duplicates as needed
	OR	OR
	An average of 6 film rental bookings per teaching station per school year	An average of 12 film rental bookings per teaching station per school year
Filmstrips	1 per student per ADA the preceding year	1½ per student per ADA the preceding year
Recordings - Tape and Discs exclusive of language lab materials	100 plus 2 per teaching station	300 plus 3 per teaching station

Due to the state of the field and the nature of certain media it is extremely difficult, if not impossible, to develop quantitative guidelines for all types of audiovisual materials. The list below includes some of these materials. Even though quantitative guidelines are not recommended at this time for these materials, it must be recognized that they do make a unique contribution to the instructional program and must be made available for instructors' use. Each item listed must be supported with a fair share of the funds expended for media. The overall objective of the media program should be to provide a wide variety of audiovisual materials with no one item dominating the program.

8mm. films
Maps
2x2 slides
Globes
Study prints
Dioramas
3¼x4 slides
Transparencies and Transparency Masters

Materials Budget

To provide for a well-rounded materials program it is recommended that the basic complement of films, filmstrips and recordings be considered capital equipment and be purchased with such funds. To provide for the on-going materials program, including maintenance and replacement but not expansion, no less than 1% of the average per pupil cost in the school unit should be spent per year per student. The 1% amount would include film rentals if no basic film collection is started and subscription television (i.e. MPATI), but would not include salaries, building construction or remodeling, CCTV installations, or electronic learning centers.

To provide for an advanced materials program the 1% figure should be increased to 1.5%.

Equipment Budget

The capital expenditures necessary to secure the equipment recommended herein should be calculated from the price of the equipment. This figure will necessarily vary from school to school due to the range in equipment prices and the excellence of the equipment programs developed.

EQUIPMENT GUIDELINES (ELEMENTARY EDUCATION)

	BASIC	ADVANCED
16mm. Sound Projector	1 per 10 teaching stations	1 per 5 teaching stations
8mm. Projector	Should have one available for experimental purposes, but no specific guideline at this time. Schools will have to acquire as the field develops and materials become available.	
2x2 Slide Projector	1 automatic projector per school	1 automatic projector per 5 teaching stations
Filmstrip or Combination Filmstrip-Slide Projector	1 per 3 teaching stations	1 per teaching station
Sound Filmstrip Projector	Combine available filmstrip projector with existing record player or tape recorder	1 per building
3¼x4 Projector Overhead	1 per school district	1 per school building
3¼x4 Projector Auditorium	1 per auditorium	1 per auditorium
Filmstrip Viewer	1 per 3 teaching stations	1 per teaching station
	Also a quantity of viewers (1 per 3 teaching stations) should be available from a central source within the building for special project use or for individual study (school or home).	
Overhead Projector (10x10) Classroom type	1 per 4 teaching stations	1 per teaching station
Overhead Projector Auditorium type	Appropriate number for large group instruction. An auditorium model overhead merely implies that the machine utilized has sufficient light output and optical capabilities to project a satisfactory image in an auditorium type situation.	

	BASIC	ADVANCED
Opaque	1 per building	1 per 6 teaching stations
TV Receivers	1 per class per TV channel at the grade level having the greatest number of sections - if programs are available	1 per teaching station if programs are available
Micro-Projector	1 per school	1 per 2 grade levels
Record Players	1 per teaching station K-3 1 per grade level 4-6 1 set of earphones per each teaching station; where listening stations are utilized 6-10 earphones needed	1 per teaching station plus earphones for each - where listening stations are utilized 6-10 earphones needed
Tape Recorders	1 per 5 teaching stations	1 per 2 teaching stations with earphones as needed
Projection Carts	1 per portable piece of equipment purchased at the time the equipment is purchased	Permanent installation for projection purposes in each classroom
Light Control	Every classroom should have adequate light control. Adequate means the availability of facilities to control light to the extent that all types of projected media can be utilized effectively.	
Video-Tape Recorders	2 per school district would be desirable at present time for pilot programs. The state of this field is so dynamic that no specific recommendations can be made.	
Closed-Circuit TV	All new construction should include provisions for installation at each teaching station - older buildings should be wired for closed circuit television as need develops.	
Radio-Receivers	1 per school plus one battery type for emergency purposes	1 or more per building as is dictated by instructional needs plus central distribution system (AM-FM)
Projection Screens	One permanently mounted screen per classroom, 70x70 or larger with provision for eliminating keystoning. Large screen for auditorium or large group instructional area.	Additional portable screen of suitable size for individual and small group use

	BASIC	ADVANCED
Local Production	Dry Mount Press and Tacking Iron Paper Cutter Transparency Production Equipment Spirit Duplicator Primary Typewriter Polaroid Camera 35mm.Camera and Accessories as needed Film Rewind Film Splicer (8-16mm) Tape Splicer	Add to basic list: 8mm.Camera Second type of transparency Maker Mechanical Lettering Copy Camera and Stand

EQUIPMENT GUIDELINES (SECONDARY EDUCATION)

	BASIC	ADVANCED
16mm. Sound Projector	1 per 10 teaching stations	1 per 5 teaching stations
8mm. Projector	1 per building	Number will necessarily have to be based on availability of film cartridges. There is a trend toward individual learning stations or independent study and additional equipment will be needed as program develops.
	Significant changes are occurring in the 8mm medium which do not at present justify quantitative guidelines. Because of the important contribution of these films to individual and small group learning, however, conservative quantities have been suggested. As equipment and materials become more stabilized and as sources expand, schools should increase the quantities beyond the amounts suggested in these guidelines.	
2x2 Slide Projector Automatic	1 per building	1 per 5 teaching stations
Filmstrip or Combination Filmstrip-Slide Projector	1 per 10 teaching stations	1 per 5 teaching stations
Sound Filmstrip Projector	Combine available filmstrip projector with existing record player or tape recorder	1 per building
3¼x4 Projector (Overhead)	1 per school district	1 per building
3¼x4 Projector (Auditorium)	1 per auditorium	1 per auditorium
Filmstrip Viewer	1 per 3 teaching stations	1 per teaching station
	Also a quantity of viewers (1 per 2 teaching stations) should be available from a central source within the building for special project use or for individual study (school or home).	

	BASIC	ADVANCED
Overhead Projector (10x10) Classroom type	1 per 4 teaching stations	1 per teaching station
Overhead Projector (10x10) Auditorium type	Appropriate number for large group instruction An auditorium model overhead merely implies that the machine utilized has sufficient light output and optical capabilities to project a satisfactory image in an auditorium type situation.	
Opaque	1 per building	1 per floor
TV Receivers	1 per department where programs are available	1 per 24 viewers in a classroom where programs are available
Micro-Projector	1 per school	1 per department
Record Players	1 per 10 teaching stations	1 per 5 teaching stations
Tape Recorders	1 per 10 teaching stations	1 per 5 teaching stations
Projection Carts	1 per portable piece of equipment purchased at the time the equipment is purchased	Permanent installation for projection purposes in each classroom
Light Control	Every classroom should have adequate light control. Adequate implies the availability of facilities to control light to the extent that all types of projected media can be utilized effectively.	
Video-Tape Recorders	2 per school district would be desirable at present time for pilot programs. The state of this field is so dynamic that no specific recommendations can be made.	
Closed-Circuit TV	All new construction should include provisions for installation at each teaching station, and older buildings should be wired for closed-circuit television as needs develop.	
Radio-Receivers (AM-FM)	3 per building	1 per 10 teaching stations
	1 per building should be battery operated. 1 set all-wave for language use.	

	BASIC	ADVANCED
Projection Screens	One permanently mounted screen per classroom. No smaller than 70x70 with keystone elimination. Screen for auditorium and/or large group instructional area.	One permanently mounted screen per classroom plus portable screens as needed. Permanent screen no smaller than 70x70 with keystone elimination. Screen for auditorium and/or large group instructional area.
Local Production Equipment Per Building	Dry Mount Press and Tacking Iron Paper Cutter Transparency Production Equipment 16 mm Camera 8 mm Camera Rapid Process Camera Equipped Darkroom Spirit Duplicator Primary Typewriter Copy Camera and Stand Light Box 35 mm Still Camera Film Rewind Film Splicer (8mm and 16mm) Tape Splicer	Add to basic list: Slide Reproducer Second Type of Transparency Production Equipment Mechanical Lettering